

POLYMERS

STRENGTH+ RELIABILITY

PACKAGING

SABIC Flexible Tubing



POLYMERS

SABIC POLYOLEFIN SOLUTIONS FOR FLEXIBLE TUBES

An innovator in the plastics industry, SABIC is one of the world's leading suppliers of polyethylene and polypropylene. As a valued customer, you benefit from high quality materials and dedicated sales support. Our technical experts are available to offer advice on your specific application. You can depend on SABIC as a proactive partner to understand your product needs, provide value-added solutions and to build your business's success.



IT IS EASY TO DO BUSINESS WITH US

We make it easy for you to find SABIC product information and receive answers to your questions. You can have fast, direct access to product data at SABIC's website. It is a one-stop-shop for our complete product portfolio (HDPE, LDPE, LLDPE, PP). The intuitive search functions help you to identify the right material choice for all tube components: the body, shoulder and closures.

DEDICATED TO QUALITY AND INNOVATION

Long-term customer relationships, combined with the development of new and innovative products, is a key driver at SABIC. For example, we actively cooperate with converters to exchange technical and business expertise. Engaging in open dialogue delivers added value to the end user of our products and builds a win-win situation throughout the value chain.

QUICK ACCESS TO REGULATORY INFORMATION

The SABIC website provides an open platform for locating and downloading the latest documents related to product regulatory affairs and compliance statements. Our product stewardship experts are also available to help with any specific questions.

WORKING WITH LEADING MACHINE MANUFACTURERS

SABIC shares know-how with manufacturers and analyzes how our materials are processed on a wide range of processing equipment. This on-going collaboration helps machine manufacturers to fine-tune their equipment, ensuring that it satisfies customers' processing needs. We also gain useful input for our future product development.

WIDE RANGE OF APPLICATIONS

Our product portfolio for tubes is developed for use with a broad range of applications, including food, cosmetics, personal care, oral care, industrial purposes, etc. We welcome queries about how these materials could be used in your specific applications. For technical questions, please contact:
TCC.TM-PE@SABIC-europe.com

READY WITH SOLUTIONS AND SUPPORT

SABIC's local sales teams are ready to support your business goals and find the best product solutions. Our technical experts can offer insights on your customized application.

To learn more about SABIC's full portfolio of PP and PE grades, please go to www.sabic.com

Disclaimer. The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties. It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers' particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us. Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose. SABIC Europe as referred to herein means any legal entity belonging to the SABIC Europe group of companies.

TECHNICAL PROPERTY VALUES

BODY

GRADES	DENSITY (kg/m ³)	MFR @ 2.16 KG (g/10min)	MFR @ 21.6 KG (g/10min)	E-MODULUS Mpa	PROCESSING	KEY FEATURES
SABIC HDPE						
F4520	945		20		Extrusion/blends	High surface quality, good balance between flexibility and barrier properties
SABIC LLDPE						
118NE	918	1			Extrusion/blends	High tear strength, low gles, multi-layer and flexible tube applications
318BE	918	2,8				
SABIC LLDPE PHARMACOPOEIA						
PCG6118NE	918	0,9			Extrusion/blends	Pharmaceutical applications
SABIC LDPE						
2100TN00*	921	0,33			Extrusion/blends	Improved softness and flexibility
2402TC32*	924	2,5				
2602TX17*	926	1,5				
SABIC LDPE PHARMACOPOEIA						
PCG02	921	1,9			Extrusion/blends	Pharmaceutical applications
PCG80	922	0,33				
SABIC PP						
620P		1,7		900	Extrusion/blends	Improved stiffness/rigidity when necessary
680K		1,7		1000		
SABIC PP PHARMACOPOEIA						
PCGR02		1,7		900	Extrusion/blends	Pharmaceutical applications

* Available with anti-block and slip agent

SHOULDER

GRADES	DENSITY (kg/m ³)	MFR @ 2.16 KG (g/10min)	MFR @ 21.6 KG (g/10min)	E-MODULUS Mpa	PROCESSING	KEY FEATURES
SABIC HDPE ORGANOLEPTIC						
CC252	952	2			Injection/compression molding	High purity grade and good ESCR
CC860V	960	8			Injection molding	High purity grades for sensitive applications
CC1053	953	10				
SABIC HDPE NON-ORGANOLEPTIC						
F4520	945	0,16	20		Compression molding	High surface quality, good balance between flexibility and barrier properties
M40053	953	4			Injection/compression molding	Grades for standard tube shoulders
M80064	960	8				
M100053	953	10				
SABIC HDPE PHARMACOPOEIA						
PCG40053	953	4,7			Injection/compression molding	Pharmaceutical applications
PCG80063	963	8				
SABIC LLDPE						
M200024	924	20			Injection molding	Good processing, gloss and flexibility
M500026	926	50				
SABIC LLDPE PHARMACOPOEIA						
PCG6118NE	918	0,9			Compression molding/blends	Pharmaceutical applications
SABIC LDPE						
2100TN00*	921	0,33			Compression molding/blends	Improved softness and flexibility
2402TC32*	924	2,5			Injection/compression molding	Improved softness and flexibility
2602TX17*	926	1,5				
SABIC LDPE PHARMACOPOEIA						
PCG02	921	1,9			Blends and co-extrusion	Pharmaceutical applications
PCG80	922	0,33				
SABIC PP						
620P		1,7		900	Injection/compression molding	Improved stiffness/rigidity when necessary
680K		1,7		1000		
SABIC PP PHARMACOPOEIA						
PCGR02		1,7		900	Injection/compression molding	Pharmaceutical applications

* Available with anti-block and slip agent

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