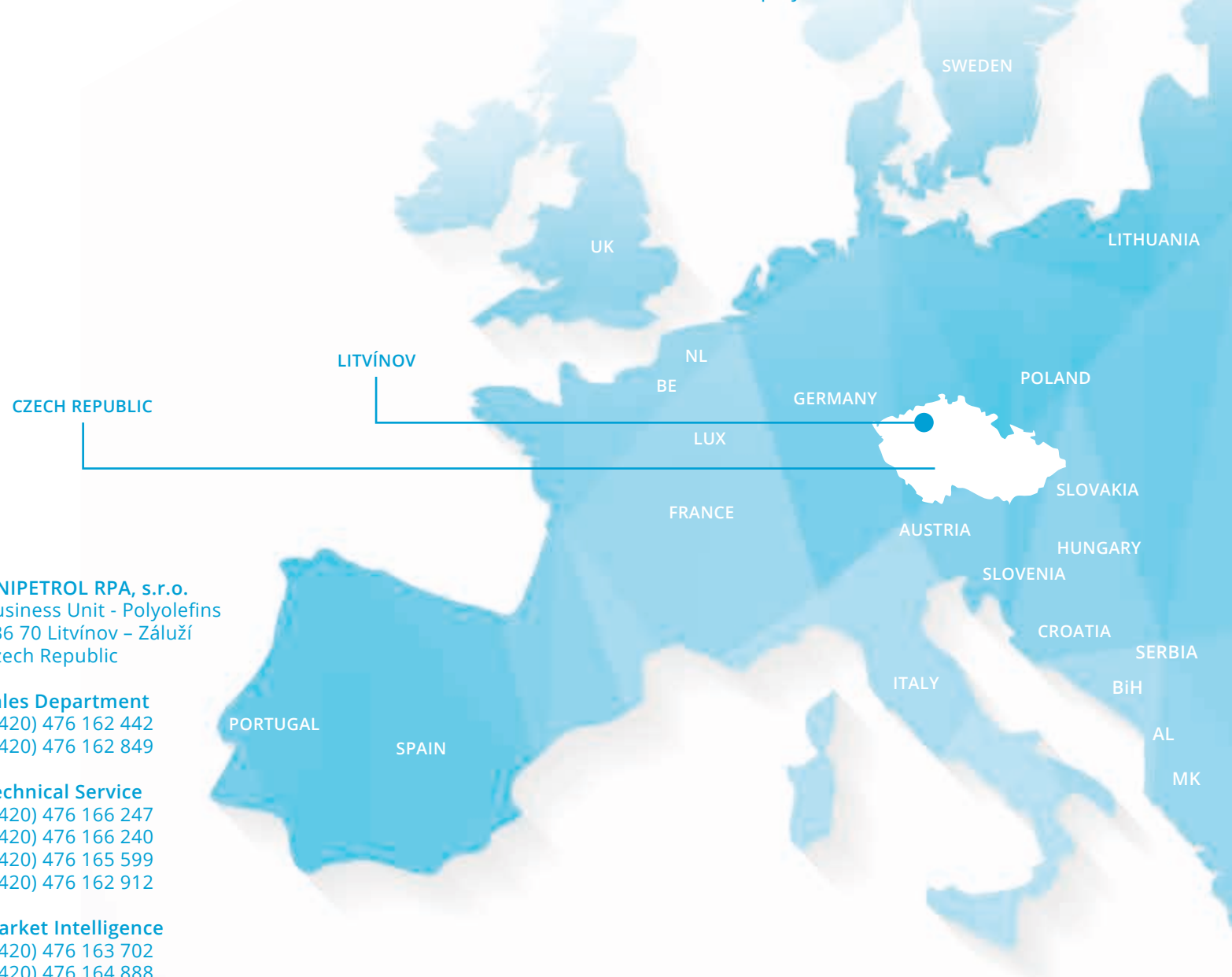


## PP MOSTEN – DESIGNATION SYSTEM

	APPLICATION	STABILIZATION	POLYMER TYPE	MEAN MFR VALUE
E	Extrusion	A Antistatic	0 Homopolymer	1 1 g/10 min
F	Films	B Basic	1 Homopolymer	2 2 g/10 min
G	General purpose	C Chill - roll	2 Homopolymer	9 9 g/10 min
M	Injection moulding	H LTHA	3 Homopolymer	16 16 g/10 min
N	Nonwovens	K Combined	4 Homopolymer	30 30 g/10 min
T	Tapes	L UV	5 Block copolymer	etc.
X	Transition grade homogenized	T Transparent	6 Block copolymer	
Y	Transition grade nonhomogenized	Y Mixed	7 Block copolymer	
			8 Random copolymer	
			9 Random copolymer	



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# MOSTEN®

*Polypropylene  
by Unipetrol RPA*

**SIMPLY IMPROVING  
EVERYDAY LIFE**

 **Unipetrol**  
ORLEN GROUP

PP Mosten®	MFR (230/2,16)	Yield Stress	Elongation at Break	Flexural Modulus	NIS Charpy 23 °C -20 °C	HDT	VST	Stabilization	Processing technology	Main application	
Unit	g/10 min	MPa	%	MPa	kJ/m <sup>2</sup>	°C	°C				
Standard	ISO 1133-1	ISO 527-1,2		ISO 178	ISO 179-1	ISO 75-1,2	ISO 306				
<b>HOMOPOLYMERS</b>											
EH 001	0,5	35	100	1700	15	58	151	LTHA	Extrusion, Tapes	Sheets, profiles, non-pressure pipes, tapes	
GH 001	1	34	> 400	1600	9	55	156	Basic	Extrusion, Blmldg, Tapes	Sheets, profiles, non-pressure pipes, tapes, compounds	
TB 002	2	35	200	1700	6,5	55	155	Anti Gasfading	Tapes, Thermoforming, Injection moulding	High-strength monoaxially oriented tapes, strings	
TB 003	3,2	34	200	1550	5	55	154	Anti Gasfading	Tapes, Thermoforming, Injection moulding	High-strength monoaxially oriented tapes, strings	
TL 003	3,2	35	200	1550	5	55	154	UV	Tapes	High-strength monoaxially oriented tapes, strings	
GB 005	5	34	250	1600	4	55	155	Anti Gasfading	Tapes, Thermoforming, Injection moulding	Food packages	
FT 005	5	37	100	1850	3,5	57	156	Antistatic, Transparent, Optical brightener	Thermoforming	Highly transparent packages, food industry	
GB 107	7	35	100	1700	4	56	154	Basic	Injection moulding	Injection moulded products, compounds	
FC 108	8	33	100	1450	3	53	155	Slip agent	Film	Flat film by chill-roll process, Office and textile products	
FC 110	10	33	100	1400	3	53	155	Antiblock + Slip agent	Film	Flat film by chill-roll process, Office and textile products	
GB 218	18	33	350	1450	3	54	153	Anti Gasfading	Injection moulding, Fibre	Multifilament and PP fibre, compounds	
MA 230	30	35	250	1550	2	55	154	Antistatic	Injection moulding	Thin-walled products	
MT 230	30	38	30	1800	2	58	155	Antistatic, Transparent	Injection moulding	Transparent, thin-walled, high-gloss products	
MA 350	50	35	200	1450	2	55	154	Antistatic	Injection moulding	Thin-walled products	
NB 108	8	35	150	1650	3	55	154	Anti Gasfading	Fibre, Injection moulding	Multifilament, Staple fibre, IM of household and technical parts	
NB 112	12	34	250	1600	3	55	154	Anti Gasfading	Fibre, Injection moulding	Multifilament, Staple fibre, IM of household and technical parts	
NB 218	18	33	> 400	1450	3	52	152	Anti Gasfading	Fibre, Injection moulding	Staple fibres, Non-wovens, Multifilament yams	
NB 220	20	32	> 400	1350	3	52	152	Anti Gasfading	Fibre, Injection moulding	Staple fibres, Non-wovens, Multifilament yams	
NB 425	25	32	> 400	1350	3	52	152	Anti Gasfading	Fibre, Injection moulding	Non-wovens (spund bond), Hygienic sector, Staple fibre	
<b>BLOCK COPOLYMERS</b>											
EB 501	0,5	26	> 400	1250	90	7	53	150	LTHA	Extrusion, Blow moulding	Sheets, Profiles, Non-pressure pipes, Bottles, Compounds
EH 501	0,5	27	> 400	1300	90	7,5	55	153	LTHA, Nucleation	Extrusion, Blow moulding	Sheets, Profiles, Non-pressure pipes, Bottles, Compounds
GB 504	4	26	250	1200	50	5	53	150	Nucleation, Demoulding	Injection moulding, Thermoforming	Large containers, Film co-extrusion, Automotive compounds
GB 506	6	29	100	1500	11	4	57	154	Nucleation	Injection moulding, Thermoforming	Technical parts, Film co-extrusion, Automotive compounds
MA 524	24	26	50	1400	9	4	54	153	Antistatic, Nucleation	Injection moulding	Food packages, Transportation boxes, Automotive compounds
MA 612	14	22	300	1100	50	7	52	147	Antistatic, Nucleation	Injection moulding	Technical parts, Tools, Transportation boxes, Automotive compounds
MA 712	12	29	70	1550	10	4	56	155	Antistatic, Nucleation	Injection moulding	Technical parts, Transportation boxes, Containers, Automotive compounds
MB 720	18	21	100	1050	45	7	52	145	Nucleation	Injection moulding	Food packages, Technical parts
MA 745	45	26	30	1400	9	4	55	151	Nucleation, Antistatic	Injection moulding	Food packages, Pails, Tools
<b>RANDOM COPOLYMERS</b>											
EH 801	0,3	26	> 400	900	50	3	48	132	LTHA	Extrusion	Pressure pipes for cold and hot water supply, heating
MB 812	12	25	> 400	1000	5,5	1,5	46	125	Basic	Injection moulding	Household products, Food packages
MT 935	35	26	350	1050	5	1,5	48	129	Antistatic, Transparent	Injection moulding	Thin-walled household products, food packages
MT 950	50	27	350	1050	5	1,5	48	130	Antistatic, Transparent	Injection moulding	Thin-walled household products, food packages

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