

# Technical Data Sheet

## PS3122



### Description

A post-consumer recycled impact modified polystyrene for general use available in standard balck 90/04

### Material Properties

	Value	Unit	Test Method
<b>Physical</b>			
Density	1.04	g/cm <sup>3</sup>	ISO 1183
<b>Rheological</b>			
Melt Flow Rate (200°C / 5.0 kg)	6.5	g/10 min	ISO 1133
<b>Mechanical</b>			
Tensile Stress at Break(23°C)	23	MPa	ISO 527-2/50
Flexural Modulus (23°C)	1700	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength (23°C)	7.5	kJ/m <sup>2</sup>	ISO 180/1A

#### Note:

The data above is provided in good faith and represents typical properties based on our current knowledge and experience, not to be construed as specification limits or minimum values. Product properties may be changed without notice. This document does not create any liability, warranty or guarantee of product performance. It is the buyer's responsibility to determine the suitability of MBA Polymers products for the intended application.

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### Processing Information

	Value	Unit
<b>Preprocessing</b>		
Drying Temperature	80	°C
Drying Time	1-2	hr
Moisture Content	<0.10	%
<b>Injection Molding</b>		
Melt Temperature Range	190-240	°C
Recommended Melt Temperature	200	°C
Mold Temperature Range	20-80	°C
Recommended Mold Temperature	40	°C

**Note:**

The processing parameters listed above are general guidelines based on our current knowledge and experience. The suitability of the data for a specific processing method can only be ensured with investigations and tests by the end user.