

## Total PPC 3060 MW5 Polypropylene, Heterophasic Copolymer, Automotive

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Polypropylene AUTOMOTIVE PPC 3060 MW5 is a heterophasic copolymer with a Melt Flow index of 7 g/10 min. Polypropylene AUTOMOTIVE PPC 3060 MW5 is a high impact copolymer with heat stabilization package. Polypropylene AUTOMOTIVE PPC 3060 MW5 has been especially developed for use in automotive applications. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPC-3060-MW5-Polypropylene-Heterophasic-Copolymer-Automotive.php](http://www.lookpolymers.com/polymer_Total-PPC-3060-MW5-Polypropylene-Heterophasic-Copolymer-Automotive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ISO 1183
Bulk Density	0.525 g/cc	0.0190 lb/in <sup>3</sup>	ISO 1183
Melt Flow	7.0 g/10 min @Load 2.16 kg, Temperature 230 °C	7.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	62	62	ISO 868
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO 527-2
Elongation at Yield	6.0 %	6.0 %	ISO 527-2
Tensile Modulus	1.30 GPa	189 ksi	ISO 527-2
Flexural Modulus	1.20 GPa	174 ksi	ISO 178
Izod Impact, Notched (ISO)	5.50 kJ/m <sup>2</sup> @Temperature -20.0 °C	2.62 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 180
	10.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	4.76 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 180
Charpy Impact, Notched	0.600 J/cm <sup>2</sup> @Temperature -20.0 °C	2.86 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179
	1.30 J/cm <sup>2</sup> @Temperature 23.0 °C	6.19 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 3146

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (67 psi)	50.0 °C	122 °F	120°C per hour; ISO 752
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	120°C per hour; ISO 752
Vicat Softening Point	65.0 °C	149 °F	50°C per hour; ISO 306
	@Load 5.10 kg	@Load 11.2 lb	
	135 °C	275 °F	50°C per hour; ISO 306
	@Load 1.02 kg	@Load 2.25 lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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