



SEETEC PP M1600

SEETEC - Polypropylene Copolymer

Tuesday, June 17, 2008

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Copolymer	• High Flow	• High Impact Resistance
Forms	• Pellets		

ASTM and ISO Properties¹

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.900 g/cm ³	0.900 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25 g/10 min	25 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3840 psi	26.5 MPa	ASTM D638
Tensile Elongation (Break)	100 %	100 %	ASTM D638
Flexural Modulus	192000 psi	1320 MPa	ASTM D790
Flexural Strength	4980 psi	34.3 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
-4 °F (-20 °C)	0.551 ft-lb/in	29.4 J/m	
73 °F (23 °C)	1.29 ft-lb/in	68.6 J/m	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-Scale)	100	100	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi (1.8 MPa), Unannealed	221 °F	105 °C	
Vicat Softening Point	306 °F	152 °C	ASTM D1525

Additional Properties

Spiral Flow, HPC: 1100 mm

Notes

¹ Typical properties: these are not to be construed as specifications.