

Description

Polypropylene 5571 is a high impact copolymer with a Melt Flow of 7 g/10min

5571 is characterized by significantly improved impact resistance, while maintaining excellent antistatic properties and good processability.

5571 has been developed specifically for the injection molding of baskets, pails, toys and any articles requiring extra toughness.

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	ASTM D-1238	g/10 min	7
Mechanical Properties			
Tensile, Strength at Yield	ASTM D-638	psi (MPa)	3400 (23)
Elongation at Yield	ASTM D-638	%	7
Flexural Modulus	ASTM D-790	psi (MPa)	170,000 (1,180)
Izod Impact (Notched)			
@ 23°C	ASTM D-256	ft.-lbs/in. (J/m)	3.5(188)
@ -20°C	ASTM D-256	ft.-lbs/in. (J/m)	1.4 (70)
Thermal Properties⁽¹⁾			
Melting Range	Total Method	(°C)	160-165
Heat Deflection	ASTM D-648	(°C)	90
Vicat Softening Point	D-1525	(°C)	148
Other Physical Properties			
Density	D-1505	g/cm ³	0.905

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
 (2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

