

Description

Polypropylene 5720WZ is a nucleated impact copolymer with a Melt Flow of 20 g/10min.

5720WZ is characterized by good stiffness, creep resistance, very high impact resistance, excellent antistatic properties and has been formulated to allow faster cycling through early demolding.

5720WZ has been developed specifically for the injection molding of crates, pails, and other heavy duty articles.

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238	g/10 min	20
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)	190,000 (1,350)
Izod Impact (Notched) @ 23°C	ASTM D-256	ft.-lbs/in. (J/m)	3.6 (180)
Thermal Properties⁽¹⁾			
Melting Range	Total Method	(°C)	160-165
Heat Deflection	ASTM D-648	(°C)	90
Vicat Softening Point	D-1525	(°C)	150
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.