

Description

Polypropylene 5948WZ is an impact copolymer with a Melt Flow of 80 g/10min.

5948WZ is characterized by excellent stiffness and impact resistance, excellent antistatic properties, as well as extremely good flow properties to allow faster cycling through early demolding.

5948WZ complies with all applicable FDA regulations for food contact applications.

5948WZ has been developed for high-speed injection molding of thin-walled packaging containers and household articles.

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238	g/10 min	80
Mechanical Properties			
Tensile Strength at Yield	D-638	psi (MPa)	3,600 (24)
Elongation at Yield	D-638	%	6
Flexural Modulus	D-790	psi (MPa)	170,000 (1,150)
Izod Impact Notched @ 23°C	D-256	ft.-lbs/in. (J/m)	2.0 (100)
Thermal Properties			
Melting Point	Total Method	°C	160-165
Unannealed Heat Deflection	D-648	°F (°C)	225 (107)
Other Physical Properties			
Density	D-1505	g/cm ³	0.905

