

Description

Polypropylene 4740WZ polypropylene is a nucleated impact copolymer with a Melt Flow of 25 g/10min.

Easy Flow: 4740WZ is characterized by improved stiffness, creep resistance, high impact resistance, excellent antistatic properties and has been formulated to allow faster cycling through early demolding.

Applications: 4740WZ has been developed specifically for the injection molding of garden furniture, housewares and thin-walled articles.

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238	g/10 min	25
Mechanical Properties			
Tensile Strength At Yield	D-638	psi (MPa)	4,000 (27)
Elongation	D-638	%	6
Flexural Modulus	D-790	psi (MPa)	225,000 (1,550)
Izod Impact Notched @ 23°C	D-256	ft.lb./in. (J/m)	1.8 (95)
@ -20°C	D-256	ft.lb./in. (J/m)	0.8 (40)
Thermal Properties⁽¹⁾			
Heat Deflection Temperature	D-648	°C	110
Vicat Softening Point	D-1525	°C	150
Other Physical Properties			
Density	D-1505	g/cm ³	0.905
Melting Range	TOTAL Method	°C	160 - 165