

## 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
<b>Rheological Properties</b>			
Melt Flow	D-1238	g/10 min	25
<b>Mechanical Properties</b>			
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)
<b>Thermal Properties<sup>(1)</sup></b>			
Heat Deflection Temperature	D-648	°C	110
Vicat Softening Point	D-1525	°C	150
<b>Other Physical Properties</b>			
Density	D-1505	g/cm <sup>3</sup>	0.905
Melting Range	TOTAL Method	°C	160 - 165

