

## Description

**Polypropylene 4524WZ** is a nucleated high impact copolymer with a Melt Flow of 7 g/10min

4524WZ is characterized by significantly improved impact resistance, while maintaining excellent antistatic properties and good processability.

4524WZ has been developed specifically for the injection molding of baskets, pails, toys and any articles requiring extra toughness.

## Characteristics

	Method	Unit	Typical Value
<b>Rheological Properties</b>			
Melt Flow	D-1238	g/10 min	7
<b>Mechanical Properties</b>			
Tensile, Strength at Yield	D-638	psi (MPa)	3,800 (26)
Elongation at Yield	D-638	%	7
Flexural Modulus	D-790	psi (MPa)	170,000 (1,170)
Izod Impact (Notched) @ 23°C	ASTM D-256	ft.-lbs/in. (J/m)	3.5 (187)
	ASTM D-256	ft.-lbs/in. (J/m)	1.4 (75)
<b>Thermal Properties<sup>(1)</sup></b>			
Melting Range	TOTAL Method	°F (°C)	320-329 (160-165)
Heat Deflection Temperature	D-648	°F (°C)	194 (90)
Vicat Softening Point	D-1525	°F (°C)	298 (148)
<b>Other Physical Properties</b>			
Density	D-1505	g/cm <sup>3</sup>	0.905

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

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