

## Description

**Polypropylene 5624WZ** is a nucleated impact copolymer with a melt flow of 15 g/10min. that is designed specifically for durable goods requiring extra toughness.

5624WZ is characterized by excellent impact resistance, making it a no break impact copolymer. Additionally, the mold release characteristics of 5624WZ provide antistatic and processing properties well suited for injection molding durable goods.

## Characteristics

	Method	Unit	Typical Value
<b>Rheological Properties</b>			
Melt Flow	D-1238	g/10 min	15
<b>Mechanical Properties</b>			
Tensile, Strength at Yield	D-638	psi (MPa)	3,400 (24)
Elongation at Yield	D-638	%	5
Flexural Modulus	D-790	psi (MPa)	170,000 (1,200)
Izod Impact (Notched) @ 23°C	D-256	ft.-lbs/in. (J/m)	>10 (>500)
<b>Thermal Properties<sup>(1)</sup></b>			
Melting Range	TOTAL Method	°C	160-165
Heat Deflection	D-648	°C	90
Vicat Softening Point	D-1525	°C	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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