

Total Petrochemicals Polypropylene 4624WZ is a nucleated impact copolymer with a Melt Flow of 15 g/10min., combining good fluidity and mechanical properties.

4624WZ is characterized by significantly improved impact resistance and mold release while maintaining excellent antistatic properties, good processability.

4624WZ has been developed specifically for the injection molding pales and crates requiring extra toughness.

<u>Resin Properties</u>	<u>Typical Value</u>	<u>Test Method</u>
Melt Flow, g/10 min.	15	ASTM D-1238
Density , g/cm ³	0.905	ASTM D-1505
Melting Range, °C	160 - 165	TOTAL Method
<u>Mechanical Properties</u>		
Tensile Strength at Yield, psi (M Pa)	3800 (27)	ASTM D-638
Elongation at Yield, %	7	ASTM D-638
Flexural Modulus, psi (M Pa)	160,000 (1,100)	ASTM D-790
Izod Impact (Notched)		
@ 23°C, ft-lb/in (J/m)	5 (267)	ASTM D-256
@ -20°C, ft-lb/in (J/m)	1.5 (75)	ASTM D-256
Charpy Impact Strength		
@ 23°C, kJ/m ²	19	DIN 53453
@ -20°C, kJ/m ²	7	DIN 53453
<u>Thermal Properties</u>		
Vicat Softening Point, °C	148	ASTM D-1525
Heat Deflection Temperature, °C	90	ASTM D-648

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