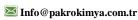


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Polypropylene 5624WZ

Technical Data Sheet Polypropylene - Impact Copolymer **Produced in the United States**

TotalEnergies Petrochemicals & Refining USA, Inc. **Polymers Americas**

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

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238	g/10 min	15
Mechanical Properties			
Tensile, Strength at Yield	D-638	psi (MPa)	3,400 (23)
Elongation at Yield	D-638	%	5
Flexural Modulus	D-790	psi (MPa)	170,000 (1,170)
Izod Impact Notched @ 23°C	D-256	ftlbs/in. (J/m)	No Break
Thermal Properties ⁽¹⁾			
Melting Range	TOTAL Method	∘F (∘C)	320-329 (160-165)
Heat Deflection	D-648	∘F (°C)	194 (90)
Vicat Softening Point	D-1525	∘F (°C)	298 (148)
Other Physical Properties			
Density	D-1505	g/cm ³	0.905

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

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