

# TOTAL Polypropylene PPC 5948WZ

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

Polypropylene 5948WZ is an impact copolymer with a Melt Flow of 80 g/10min.  
5948WZ is characterized by excellent stiffness and impact resistance, excellent antistatic properties, as well as extremely good flow properties to allow faster cycling through early demolding.  
5948WZ complies with all applicable FDA regulations for food contact applications.  
5948WZ has been developed for high-speed injection molding of thin-walled packaging containers and household articles.

General Information			
Features	Rigidity, high		
	Impact copolymer		
	Antistatic property		
	Impact resistance, high		
	Fast molding cycle		
	Good liquidity		
	Compliance of Food Exposure		
Uses	Thin wall packaging		
	Thin wall container		
	Household goods		
Agency Ratings	FDA Food Exposure, Not Rated		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	80	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	160 - 165	°C	Internal method
Heat Deflection Temperature - Unannealed	107	°C	ASTM D648

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Recommended distributors for this material

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