

# TOTAL Polypropylene PPC 5720WZ

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

TOTAL 5720WZ polypropylene is a nucleated impact copolymer with a Melt Flow of 20 g/10min.  
TOTAL 5720WZ is characterized by good stiffness, creep resistance, very high impact resistance, excellent antistatic properties and has been formulated to allow faster cycling through early demolding.  
TOTAL 5720WZ has been developed specifically for the injection molding of crates, pails, and other heavy duty articles.

General Information			
Additive	Nucleating agent		
Features	Ultra-high impact resistance		
	Nucleated		
	Rigid, good		
	Antistatic property		
	Fast molding cycle		
	Good creep resistance		
	Good demoulding performance		
Uses	Barrel		
	Loading box		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.4	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525
Melting Temperature	163	°C	
Additional Information			
Heat Deflection, ASTM D648: 90°C			

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Recommended distributors for this material

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