

TOTAL Polypropylene PPC 4481WZ

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

TOTAL Polypropylene 4481WZ polypropylene is a nucleated impact copolymer with a Melt Flow of 4.0 g/10min. TOTAL Polypropylene 4481WZ is characterized by a good stiffness/impact balance coupled with high creep resistance. This grade has been developed for sheet extrusion and thermoforming applications requiring good mechanical properties and aesthetic appearance. TOTAL Polypropylene 4481WZ has been specially formulated with an additive for excellent antistatic properties as well as good surface appearance and mold release.

General Information			
Additive	Nucleating Agent		
Features	Antistatic		
	Good Creep Resistance		
	Good Impact Resistance		
	Good Mold Release		
	Good Stiffness		
	Good Surface Finish		
	Nucleated		
Processing Method	Extrusion		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.8	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1770	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	160 to 165	°C	Internal Method
Heat Deflection Temperature	115	°C	ASTM D648

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Recommended distributors for this material

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