

TOTAL Polypropylene PPC 4624WZ

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

Total Petrochemicals Polypropylene 4624WZ is a nucleated impact copolymer with a Melt Flow of 13 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.

General Information			
UL YellowCard	E66261-100961481		
Additive	Nucleating Agent		
Features	Antistatic		
	Good Flow		
	Good Impact Resistance		
	Good Mold Release		
	Good Processability		
	Good Toughness		
	Nucleated		
Uses	Crates		
	Pails		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.2	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			DIN 53453
-20°C	7.0	kJ/m ²	
23°C	19	kJ/m ²	
Notched Izod Impact			ASTM D256
-20°C	80	J/m	

23°C	270	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	148	°C	ASTM D1525
Melting Temperature	160 to 165	°C	Internal Method
Heat Deflection Temperature	90	°C	ASTM D648

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