

TOTAL Polypropylene 3287WZ

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

Nucleation. Total Petrochemicals Polypropylene 3827WZ is engineered to provide fast cycle times.
Antistat. 3827WZ contains an antistat that will help protect molded parts from dust accumulation.
FDA. 3827WZ complies with all applicable FDA regulations for food contact applications.
Recommended Applications. 3827WZ is recommended for applications requiring fast cycle times, excellent color performance and good contact clarity, including housewares, containers, caps, and closures.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Contact Clarity		
	Controlled Rheology		
	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Color Stability		
	Homopolymer		
	Nucleated		
Uses	Caps		
	Closures		
	Containers		
Agency Ratings	FDA Food Contact, Unspecified Rating		
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)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1860	MPa	ASTM D638
Tensile Strength (Yield)	38.6	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus	1790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	1.1	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	127	°C	ASTM D648
Melting Temperature	166	°C	DSC
Injection	Nominal Value	Unit	
Processing (Melt) Temp	199 to 232	°C	

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Recommended distributors for this material

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