

COSMOPLENE® Z432

Polypropylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOPLENE® Z432 is a Polypropylene product. It can be processed by injection molding and is available in Asia Pacific. Applications of COSMOPLENE® Z432 include containers and medical/healthcare.

Characteristics include:

- Flame Rated
- Clarity
- High Gloss
- Impact Resistant

General Information			
Features	High Clarity		
	High Gloss		
	Medium Impact Resistance		
Uses	Food Containers		
	Hypodermic Syringe Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	37.3	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Apparent Bending Modulus	1080	MPa	ASTM D747
Thermal	Nominal Value	Unit	
Melting Temperature	142	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm, ALL)	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 240	°C	

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Recommended distributors for this material

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