

# Teldene® R25MLT

Polypropylene Random Copolymer  
National Petrochemical Industries Company (NATPET)

Message:

Teldene® R25MLT is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Africa & Middle East, Asia Pacific, or Europe for injection molding.

Important attributes of Teldene® R25MLT are:

Antistatic  
Clarity  
Copolymer  
Food Contact Acceptable  
Nucleated

Typical applications include:

Caps/Lids/Closures  
Audio/Video  
Consumer Goods  
Containers  
Engineering/Industrial Parts

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Food Contact Acceptable		
	High Clarity		
	Medium Flow		
	Nucleated		
	Random Copolymer		
Uses	Caps		
	Household Goods		
	Lids		
	Sporting Goods		
	Thin-walled Containers		
	Thin-walled Packaging		
	Thin-walled Parts		
	Toys		
	Video Cassettes		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133

Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	31.0	cm <sup>3</sup> /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	60.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1100	MPa	ISO 527-2
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	11	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1e
0°C	3.0	kJ/m <sup>2</sup>	
23°C	6.0	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	70	kJ/m <sup>2</sup>	
23°C	200	kJ/m <sup>2</sup>	

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#### Recommended distributors for this material

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