

TRANSMARE® 14CT40

Polypropylene Copolymer

Transmare Compounding B.V.

Message:

TRANSMARE® 14CT40 is a copolymer polypropylene filled with 40% of mineral talc.

General Information			
Filler / Reinforcement	Talc\Mineral,40% Filler by Volume		
Features	Copolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Moisture Content ¹	< 0.20	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	71		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Yield, 4.00 mm	26.0	MPa	ISO 527-2/50
Break, 4.00 mm	23.0	MPa	ISO 527-2/50
-- ²	26.0	MPa	ISO 527-2
Tensile Strain (Break, 4.00 mm)	18	%	ISO 527-2/50
Flexural Modulus ³	3200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-40°C	1.3	kJ/m²	
-20°C	1.5	kJ/m²	
0°C	2.5	kJ/m²	
23°C	3.9	kJ/m²	
NOTE			
1.	Halogen dryer, TCR test method		
2.	Maximum		
3.	2.0 mm/min		

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Recommended distributors for this material

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