

Mytex® AS33K(W)-02

Compounded Polypropylene

Mytex Polymers

Message:

Talc filled compounded polypropylene produced for automotive interior applications using Mytex® Technology.

General Information			
Filler / Reinforcement	Talc		
Uses	Automotive Interior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	Internal Method
Molding Shrinkage			ISO 294-4
Across Flow	1.5	%	
Flow	1.4	%	
Ash Content	20	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D	82		
Shore D, 15 sec	67		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Yield	28.6	MPa	ISO 527-2/50
Break	22.8	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	3.3	%	
Break	16	%	
Flexural Modulus			ISO 178
1% Secant	2270	MPa	
Chord	2640	MPa	
Tangent	2630	MPa	
Flexural Stress ¹	44.9	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			
-30°C	2.0	kJ/m ²	ISO 179
23°C	3.2	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength			ISO 180
-30°C	2.0	kJ/m ²	

23°C	3.4	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	66.7	°C	ISO 75-2/A
NOTE			
1.	Max Load		

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