

# Hostacom SZ021-2

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom SZ021-2 medium melt flow, 1,200 MPa flexural modulus, 20% talc filled, utility grade polypropylene copolymer has a very good combination of strength, stiffness and impact resistance. Typical applications include inner door panels and seat supports.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Copolymer		
	Good Impact Resistance		
	Good Stiffness		
	High Strength		
	Medium Flow		
Uses	Automotive Interior Parts		
	Automotive Under the Hood		
	Structural Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	62		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	18.0	MPa	
Break	14.0	MPa	
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	30	%	
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	89.0	°C	ASTM D648

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