

Tenogel® ABS A3 HS NTLA013 AB329

Acrylonitrile Butadiene Styrene

Petropol Industry and Trade of Polymers LTDA

Message:

ABS resin for injection into the natural color, thermally stable, excellent mechanical and thermal properties.

General Information			
Features	Good Thermal Stability		
Appearance	Natural Color		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>ABS<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	1.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	48.0	MPa	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	85.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	195 to 230	°C	
Mold Temperature	50.0 to 70.0	°C	

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Recommended distributors for this material

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