

Adstif HA5009

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Developmental Grade Adstif HA5009 is a polypropylene homopolymer manufactured using the Spheripol process. It has very good long term thermal stability, good surface hardness, suitable for injection molding. Potential end use applications include housewares and electric appliances. It can also be evaluated for automotive and other compounds in which high rigidity and very good long term thermal stability are required

General Information			
Features	Good Processability		
	Good Thermal Aging Resistance		
	High Stiffness		
	Homopolymer		
Uses	Appliances		
	Automotive Applications		
	Household Goods		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.2	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	2110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648

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