

Adstif HA801U

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Adstif HA801U very high melt flow, nucleated polypropylene homopolymer is available in pellet form. This resin is typically used in high-speed injection molding of thin-walled parts, and as a building block for compounded applications that require high flow and high stiffness.

General Information			
Additive	Nucleating Agent		
Features	Fast Molding Cycle		
	High Flow		
	High Stiffness		
	Homopolymer		
	Nucleated		
Uses	Compounding		
	Thin-walled Parts		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	65	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	42.1	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ²	2000	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	16	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	132	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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