

ALTECH® PP-R A 1000/312 IM UV

Polypropylene Random Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-R A 1000/312 IM UV is a Polypropylene Random Copolymer (PP Random Copolymer) product. It is available in Asia Pacific, Europe, or North America. Typical application: Automotive.

Characteristics include:

REACH Compliant

RoHS Compliant

Copolymer

Good Toughness

Heat Stabilizer

General Information			
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Copolymer		
	Heat Stabilized		
	Ultra High Toughness		
Uses	Automotive Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	20.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	55		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	600	MPa	ISO 527-2
Tensile Stress	20.0	MPa	ISO 527-2
Tensile Strain (Break)	220	%	ISO 527-2
Flexural Modulus	640	MPa	ISO 178
Flexural Stress	20.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (-40°C)	2.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (-40°C)	20	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	110	°C	ISO 306/A50
Injection	Nominal Value	Unit	

Processing (Melt) Temp	200 to 270	°C
Mold Temperature	20.0 to 90.0	°C

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