

AKROMID® B3 2 RM-D natural (3390)

Polyamide 6 + ABS
AKRO-PLASTIC GmbH

Message:

AKROMID® B3 2 RM-D natural (3390) is a nonreinforced, UV-stabilised polyamide 6 with limited moisture absorption and light inherent colour
Applications are interior and exterior parts with improved impact strength in the automotive industry

General Information				
Additive		UV Stabilizer		
Features		Good Impact Resistance		
		Low Moisture Absorption		
Uses		Automotive Applications		
		Automotive Exterior Parts		
		Automotive Interior Parts		
Appearance		Natural Color		
Resin ID (ISO 1043)		PA6 + ABS		
Physical	Dry	Conditioned	Unit	Test Method
Density (23°C)	1.08	--	g/cm ³	ISO 1183
Spiral Flow	62.0	--	cm	Internal Method
Molding Shrinkage				ISO 294-4
Across Flow	1.0	--	%	
Flow	0.80	--	%	
Humidity Absorption - 62% RH (70°C)		--	%	ISO 1110
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	2300	1300	MPa	ISO 527-2/1
Tensile Stress (Yield)	50.0	35.0	MPa	ISO 527-2/50
Tensile Strain				ISO 527-2/50
Yield	3.3	15	%	
Break	> 40	> 100	%	
Flexural Modulus ¹	2200	--	MPa	ISO 178
Flexural Stress	70.0	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	15	16	kJ/m ²	
23°C	20	65	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU

-30°C	No Break	No Break		
23°C	No Break	No Break		
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	--	°C	ISO 75-2/A
Melting Temperature ²	225	--	°C	DIN EN 11357-1
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate ³ (1.00 mm)	< 100	--	mm/min	FMVSS 302
Flame Rating (0.800 mm)	HB	--		UL 94
NOTE				
1.	2.0 mm/min			
2.	10 K/min, DSC			
3.	> 1 mm			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

