

Radilon® BN 200 AS/014

Polyamide 6

Radici Plastics

Message:

Radilon® BN 200 AS/014 is a Polyamide 6 (Nylon 6) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Radilon® BN 200 AS/014 are:

Flame Rated

Good Mold Release

Medium Viscosity

General Information				
Features		Good Flow		
		Good Mold Release		
		Medium Viscosity		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.13	--	g/cm ³	ISO 1183
Water Absorption ¹ (Equilibrium, 23°C, 1.00 mm, 50% RH)	2.7 to 3.3	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3100	1200	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	85.0	50.0	MPa	ISO 527-2/1A
Tensile Strain (Yield)	4.0	20	%	ISO 527-2/1A
Flexural Modulus ²	2600	1000	MPa	ISO 178
Flexural Stress ³	70.0	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	95	--	kJ/m ²	
23°C	No Break	No Break		
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	160	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	--	°C	ISO 75-2/A
Melting Temperature ⁴	220	--	°C	ISO 3146
Flammability	Dry	Conditioned		Test Method
Flame Rating	HB	--		UL 94

NOTE

- | | |
|----|------------|
| 1. | Saturation |
| 2. | 2.0 mm/min |
| 3. | 2.0 mm/min |
| 4. | 10°C/min |

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

