

BAAF UHMW-PE M-1

High Density (UHMW) Polyethylene

BAAF

Message:

BAAF UHMW-PE M-1 is a High Density (UHMW) Polyethylene material. It is available in Asia Pacific or Europe.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.935 to 0.940	g/cm ³	Internal Method
Apparent Density			Internal Method
-- ¹	> 0.35	g/cm ³	
-- ²	> 0.38	g/cm ³	
Molecular Weight	1000000 to 2000000		Internal Method
Particle Size ³	> 98.0	%	Internal Method
Volatile Matter	< 0.15	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			Internal Method
Break ⁴	> 32.0	MPa	
Break ⁵	> 33.0	MPa	
Tensile Strain			Internal Method
Break ⁶	350	%	
Break ⁷	400	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			Internal Method
-- ⁸	> 90	kJ/m ²	
-- ⁹	> 110	kJ/m ²	
Unnotched Izod Impact Strength ¹⁰	No Break		Internal Method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	> 80.0	°C	Internal Method
NOTE			
1.	M-1 B		
2.	M-1 A		
3.	through 20 mesh sieve		
4.	M-1 B		
5.	M-1 A		
6.	M-1 B		
7.	M-1 A		
8.	M-1 B		

9.	M-1 A
10.	M-1 B

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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

