

MATERIAL DATA SHEET

BERGAMID A65 NATURAL 70

PA 6.6, unfilled, natural

Property	Method	Value	Unit
Physical			
Density	ISO 1183	1,13	g/cm ³
Ash Content	ISO 3451	-	%
Mold Shrinkage (Parallel)		1,3	%
(Perpendicular)		1,3	%
Mechanical			
Tensile Strength	ISO 527	75	MPa
Elongation at Break	ISO 527	-	%
Tensile Modulus	ISO 527	3000	MPa
Izod Impact Strength (Notched)	ISO 180/1A	6,00	kJ/m ²
Thermal			
Melting Range		260-265	°C
Vicat Softening Temperature	ISO 306	235	°C
HDT	ISO 75A	80	°C
	ISO 75B	230	
Electrical			
Flammability	UL 94	HB	-
Glow Wire Test	IEC 695-2-1	-	°C
Comparative Tracking Index	IEC 112/A	600	V

Note: The above values are typical of samples molded and tested in laboratory conditions. The actual values may vary depending on the processing conditions and end use.