

Ultramid[®] B27 12

® = registered trademark of BASF SE

Ultramid[®] B27 12 is a polyamide 6 for the production of bright textile and carpet fibers.

Production Site	Freeport, USA		
Identification	CAS N° 25038-54-4		
Specification*			
Parameter	Test method	Unit	Value
Relative Viscosity (RV) 1% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307		2.67 - 2.73
Moisture content	According to ISO 15512	% [m/m]	max. 0.06
Extractables	According to ISO 6427-chips not ground/16h	% [m/m]	max. 0.6
Product properties			
Parameter	Test method	Unit	Value
Amino end-groups	BASF method	meq/kg	35 - 38
General properties			
Parameter	Test method	Unit	Value
Melting point	According to ISO 3146	°C	220
Density	According to ISO 1183	g/cm ³	1.12 - 1.15
Specific chip number		count/g	approx. 80
Bulk density		kg/m ³	685
Pellet size		mm	2 - 3
Pellet shape			round

(*) These measurements appear in the Certificate of Analysis.

Supply form and storage

Ultramid® B27 12 is dried to the extent that is ready for spinning. It is shipped in moisture-proof FIBC. Larger quantities can be shipped in bulk (for example 20ft container, silo trucks). Since the material is delivered ready for spinning, it must be protected against moisture during storage. A storage time of 12 months should not be exceeded. Opened bags should be used up immediately in order to prevent moisture pickup.

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This TDS is also valid for sustainable versions of the product e.g. "Cycled®", "BMB", "BMBcert™", "LowPCF", "ZeroPCF", "Renewable", "REDcert²".

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