

# Ultramid<sup>®</sup> B22 NE 01

® = registered trademark of BASF SE

Ultramid<sup>®</sup> B22 NE 01 is a polyamide 6 for compounding.

<b>Production Site</b>	Freeport, USA		
<b>Identification</b>	CAS N° 25038-54-4		
<b>Specification*</b>			
<b>Parameter</b>	<b>Test method</b>	<b>Unit</b>	<b>Value</b>
Viscosity Number (VN) 0,5% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307 (calculated by Huggins method)	ml/g	103 - 112
Moisture content	According to ISO 15512	% [m/m]	max. 0.3
<b>Product properties</b>			
<b>Parameter</b>	<b>Test method</b>	<b>Unit</b>	<b>Value</b>
Relative Viscosity (RV) 1% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307		2.15 - 2.25
Extractables	According to ISO 6427-chips not ground/16h	% [m/m]	max. 0.8
<b>General properties</b>			
<b>Parameter</b>	<b>Test method</b>	<b>Unit</b>	<b>Value</b>
Melting point	According to ISO 3146	°C	220
Density	According to ISO 1183	g/cm <sup>3</sup>	1.12 - 1.15
Specific chip number		count/g	approx. 80
Bulk density		kg/m <sup>3</sup>	approx. 690
Pellet size		mm	2 - 2.5
Pellet shape			cylindrical

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

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**Supply form and storage**

Ultramid® B22 NE 01 is predried, final drying is recommended prior to processing. 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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