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BASF SE

Ultramid® B26 C 02

Product description

Ultramid® B26 C 02 is a cationic dyeable polyamide 6 polymer with low amino-end group for the production of fibers, including microfibers. It is specially designed to be less receptive towards acidic dyes resulting in light dyeable nylon 6.

Specification

Specification	Test method	Unit	Value
Relative Viscosity (RV) 1% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307 (calculated by Huggins method)		2.54 – 2.62
Viscosity Number (VN) 0,5% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307	ml/g	135 - 142
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

General properties

General properties	Test method	Unit	Typical value
Melting point	According to ISO 3146	°C	220
Density	According to ISO 1183	g/cm ³	1.12 – 1.15
Bulk density		kg/m ³	700
Pellet size		mm	2 - 2.5
Pellet shape			cylindrical

Supply form and storage	Ultramid® B26 C 02 is supplied pre-dried and ready for processing in a variety of moisture proof containers, such as 25kg packages and big-bags.		
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