Ultramid® C37 LC

Product description

Ultramid® C37 LC is a copolyamide 6/66 grade of high viscosity for the production of mulitlayer film and monofilaments. Its lower melting point than standard PA 6 is advantageous for coextrusion with temperature sensitive polymers like EVOH.

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)		3.59 - 3.81
Viscosity Number (VN) 0,5% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307	ml/g	217 - 234
Moisture content	According to ISO 15512	% [m/m]	max. 0.06
Lubricant	BASF method	(mg/kg)	250 - 550
Film grade	BASF method		1 - 3

General properties	Test method	Unit	Typical value
Melting point	According to ISO 3146	°C	181 - 185
Density	According to ISO 1183	g/cm^3	1.12
Bulk density		kg/m^3	780
Pellet size		mm	2 - 2.5
Pellet shape			round
Water absorption, 23°C/50% rh		%	3.2
Water absorption, saturation in water 23°C		%	10.5

Supply form and storage	Ultramid® C37 LC is supplied pre-dried and ready for processing in a variety of moisture proof containers, such as boxes, bigbags (Asia) and bulk containers. The material must be protected against moisture during storage. A storage time of 6 months should not be exceeded. Opened bags should be used up immediately in order to prevent moisture pickup.
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