

Ultramid® A27 E

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Ultramid® A27 E is a polyamide 66 grade for compounding.

Production Site	Ludwigshafen, Germany		
Identification	CAS N° 32131-17-2		
Specification			
Parameter	Test method	Unit	Value
Relative Viscosity (RV) 1% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307		2.62 - 2.83
Viscosity Number (VN) 0,5% [m/v] in 96% [m/m] sulfuric acid	According to ISO 307 (calculated by Huggins method)	ml/g	142 - 158
Moisture content	According to ISO 15512	% [m/m]	max. 0.20
Black specks	BASF method	mm²/kg	max. 4.0
General properties			
Parameter	Test method	Unit	Value
Melting point	According to ISO 3146	°C	260
Density	According to ISO 1183	g/cm³	1.12 - 1.15
Bulk density		kg/m³	780
Pellet shape			round
Water absorption, 23°C/50% rh		%	2.2
Water absorption, saturation in water 23°C		%	8.5

Supply form and storage	Ultramid® A27 E is supplied pre-dried 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 12 months should not be exceeded. Opened bags should be used up immediately in order to prevent moisture pickup.
Food legislation	Ultramid® film grades (Ultramid® A, B, C) comply with the current legislation on plastics in contact with food in several regions. If you need details on the food approval status of a particular Ultramid® grade, please contact BASF directly at plastics.safety@basf.com . We will be happy to provide you with an up-to-date declaration of conformity based on the current legal regulations.
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This TDS is also valid for sustainable versions of the product e.g. “Cycled®”, “ZERO”, “BMB”, “BMBcert™”, “LowPCF”, “Renewable”, “REDcert2”.	

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More information? Please visit us at www.monomers.basf.com