

Stabamid[®] 27 AE 1

Technical Data Sheet n°: **299RC017_11**
 Last Update: **01.02.2020**
 Commercial Product Code: 90031318

STABAMID[®], the high performance Polyamide 6.6 Polymer from DOMO Chemicals.

IDENTIFICATION

CAS N°:32131-17-2

SPECIFICATIONS

Characteristics (1)	Unit	Limits	Analysis Methods
Index of viscosity (formic acid 90%)	ml / g	133 - 143	3 AN 22 022
Moisture content at packing	% w	≤ 0.35	3 AN 22 036
Yellow index on pellets	-	≤ 1	3 AN 22 037
Count of black spots: > 1 mm	black spots / kg	0	3 AN 22 005
≤ 1 mm and > 0.3 mm	black spots / kg	≤ 5	
Granulometry	g / 100 chips	2.25 - 2.75	3 AN 22 019

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

INDICATIONS

Characteristics (2)	Unit	Limits	Analysis Methods
Index of viscosity (sulphuric acid 96%)	ml / g	144 - 153	Ed.2 31.05.99
Relative viscosity (sulphuric acid 96%)	-	2.63 - 2.75	Ed.2 31.05.99
Relative viscosity (formic acid 90%)	-	46.7 - 52.6	Ed.2 31.05.99

(2) For reference only and will not appear in the CoA. Our analytical methods are available upon request.

PHYSICAL PROPERTIES

Appearance: Solid, white quasi cylindrical chips
Melting temperature (2nd): ...About 265 °C (DSC)
Solidification temperature: .. About 220 °C (DSC)
Bulk density: 0.6 – 0.7 kg / dm³
Density: 1.14 kg/dm³

USES

Engineering plastics

Q.E².H.S. CERTIFICATIONS

The **Q**uality and **E**nvironment **E**nergy **H**ealth **S**afety Management Systems in place in all our organizations are inspected and certified according to recognized standards.

Our production sites are all certified ISO 9001 & some sites IATF 16949, ISO 14001, ISO 45001, ISO 50001 as well. Certificates are available upon request.

PRODUCTION SITE

Saint-Fons (Belle Etoile) – France

PACKAGING & TRANSPORTATION

Standard: Big Bag, bulk
Others: Please contact your Sales Representative.

STORAGE & HANDLING

Packaging must be protected from moisture. It is highly recommended not to stack the octabins.

HEALTH & SAFETY / TRANSPORT REGULATIONS

The **S**afety **D**ata **S**heet is available upon request.

SHELF LIFE

The shelf life of the product is 1 year from the date of production indicated on CoA for Octabins & Big Bags under appropriate conditions of storage. Packaging must be kept closed, stored under cover and sheltered in a dry place.

WARNING:

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding. This information must on no account be used as a substitutive for necessary prior tests which alone can ensure that a product is suitable for a given use. ANY WARRANTY OF PRODUCT PERFORMANCE, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS EXPRESSLY EXCLUDED. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of this document, and DOMO Chemicals is at their disposal to supply any additional information.