

TECHNICAL DATA SHEET

ORGASOL® 2002 EXD NAT 1 PPA

Orgasol® PPA is a polyamide based technology that helps improve processing in a variety of polyolefin based resins and creates opportunities for cost savings at converters. Orgasol® PPA offers the following process improvements: elimination of melt fracture, improved film transparency, reduce die build-up, lower operating pressure and then energy consumption.

TYPE

PA12

MAIN APPLICATIONS

- Polymer Processing Aid

DELIVERY FORM

- Powder

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melt flow index (MFR), 200°C/ 5 kg (392°F / 11 lb)	29.5	g/10min	ISO 1133
Melt volume flow rate (MVR), 200°C/ 5 kg (392°F / 11 lb)	33.3	cm³/10min	ISO 1133
Melt viscosity, 210°C at 100 s-1	3.45	kPo	ISO 6721-10

THERMAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	177	°C	ISO 11357-1/-3

OTHER PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Apparent density, Non compacted	0.38		ISO 1068
Fine particles (D10)	7	µm	ISO 13319
Median particles (D50)	10	µm	ISO 13319
Coarse particles (D90)	12	µm	ISO 13319

PACKAGING

- Available packaging:
- 15 kg / 33 lb bags

SHELF LIFE

Three years from the date of delivery, when stored properly (sealed bags, appropriate moisture, UV protection and temperature). For any use above this limit, please refer to our technical services.

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