

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.