ORGASOL®

TECHNICAL DATA SHEET

# ORGASOL® 2002 EXD NAT 1 PPA

ORGASOL® 2002 EXD NAT 1 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® 2002 EXD NAT 1 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 | TYPICAL 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 | $cm^3$/10min | ISO 1133 |
| Melt viscosity, 210°C at 100 s-1 | 3.45 | kPo | ISO 6721-10 |

## THERMAL PROPERTIES

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

## OTHER PROPERTIES

| PROPERTIES | TYPICAL VALUE | UNIT | TEST STANDARD |
|---|---|---|---|
| Apparent density | 0.38 | | ISO 1068 |
| Particle Size Distribution (PSD), fine particles size (D10) | 7 | µm | ISO 13319 |
| Particle Size Distribution (PSD), median particles size (D50) | 10 | µm | ISO 13319 |
| Particle Size Distribution (PSD), coarse particles size (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.



**Headquarters: Arkema France**
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on https://www.arkema.com/global/en/products/product-safety/disclaimer/ which is incorporated herein by reference and made a part hereof.
Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790
**arkema.com**

ARKEMA