

## BorsodChem ONGRO CPE 4002 N Chlorinated Polyethylene

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

IMPACT MODIFIER FOR PVC high impact resistance good processability excellent weather resistance ELASTOMERS variety of cross-linking technologies excellent ozone- and weather resistance excellent chemical resistance good electrical properties freely colorable PLASTIC MATERIALS, FLAME RETARDANT ADDITIVE compatibility with a large number of polymers simple mixing outstanding heat stability excellent weather resistance low flammability plasticizer free flexible systems Information provided by BorsodChem Rt.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BorsodChem-ONGRO-CPE-4002-N-Chlorinated-Polyethylene.php](http://www.lookpolymers.com/polymer_BorsodChem-ONGRO-CPE-4002-N-Chlorinated-Polyethylene.php)

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.450 g/cc	0.0163 lb/in <sup>3</sup>	MSZ ISO 60
Particle Size	600 µm	600 µm	<1% above
Viscosity	2.60e+6 cP @Shear Rate 200 1/s, Temperature 190 °C	2.60e+6 cP @Shear Rate 200 1/s, Temperature 374 °F	Capillary viscosimeter
Mooney Viscosity	85 @Temperature 120 °C	85 @Temperature 248 °F	ML(1+4); MSZ 11093 ISO 289
Crystallinity	<= 1.0 %	<= 1.0 %	Residual; DSC BC HSz 325
Collected Volatile Condensable Material	<= 0.30 %	<= 0.30 %	ISO 1269

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	47	47	MSZ ISO 868
Tensile Strength at Break	10.0 MPa	1450 psi	MSZ ISO 527
Elongation at Break	580 %	580 %	MSZ ISO 527
100% Modulus	0.000600 GPa	0.0870 ksi	MSZ ISO 527

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	3.50 °C	38.3 °F	DMA method 1 Hz

Descriptive Properties	Value	Comments
Chlorine Content, %	40	
Heat Stability at 180°C, minutes	8	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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