

BorsodChem ONGRO CPE 3602 C 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-3602-C-Chlorinated-Polyethylene.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.460 g/cc	0.0166 lb/in³	MSZ ISO 60
Particle Size	600 µm	600 µm	<1% above
Viscosity	2.50e+6 cP @Shear Rate 200 1/s, Temperature 190 °C	2.50e+6 cP @Shear Rate 200 1/s, Temperature 374 °F	Capillary viscosimeter
Mooney Viscosity	70 @Temperature 120 °C	70 @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	60	60	MSZ ISO 868
Tensile Strength at Break	14.0 MPa	2030 psi	MSZ ISO 527
Elongation at Break	600 %	600 %	MSZ ISO 527
100% Modulus	0.00120 GPa	0.174 ksi	MSZ ISO 527

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	4.50 °C	40.1 °F	DMA method 1 Hz

Descriptive Properties	Value	Comments
Chlorine Content, %	36	
Heat Stability at 180°C, minutes	8	

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