

Solvay TECHNYLÂ® R AR 130/GF Nylon 66, 30% glass fiber, Conditioned

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Description: TECHNYLÂ® AR 130/GF is a polyamide 66, reinforced with 30% of glass fiber, heat stabilized, for injection molding. It contains recycled raw materials. This product is available in black color. Benefits: The product offers a good combination between thermal and mechanical properties. Available in: Europe Regulations compliance: Grades produced or imported in Europe comply with directive 453/2010/EC, which amends REACH directive 1907/2006/EC This grade complies with RoHS directive 2002/95/EC Unless specified, this grade is not suitable for food contact, medical devices or toy applications Applications: It is used in a wide variety of industries for applications without severe impact resistance requirements, such as fans and shrouds components in automotive. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-R-AR-130GF-Nylon-66-30-glass-fiber-Conditioned.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|--------------|---------------------------|------------|
| Density | 1.37 g/cc | 0.0495 lb/in ³ | ISO 1183/A |
| Linear Mold Shrinkage, Flow | 0.0060 cm/cm | 0.0060 in/in | |
| Linear Mold Shrinkage, Transverse | 0.010 cm/cm | 0.010 in/in | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------------------|----------------------------|-----------------|
| Tensile Strength at Break | 100 MPa | 14500 psi | ISO 527 Type 1A |
| Tensile Modulus | 6.00 GPa | 870 ksi | ISO 527 Type 1A |
| Charpy Impact Unnotched | 6.50 J/cm ² | 30.9 ft-lb/in ² | ISO 179/1eU |

| Thermal Properties | Metric | English | Comments |
|--------------------|---------|---------|-----------|
| Melting Point | 260 Â°C | 500 Â°F | ISO 11357 |

| Processing Properties | Metric | English | Comments |
|-----------------------|-----------|-----------|----------|
| Moisture Content | <= 0.20 % | <= 0.20 % | |

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