

3M Dyneon™ TF 4246 PTFE 35% Electrocarbon Filled (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Conductive Carbon Filled

Material Notes:

Applications include bearings, seals/gaskets, packings, piston rings.Data provided by Dyneon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-TF-4246-PTFE-35-Electrocarbon-Filled-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|-----------------------|-----------------------------------|-----------------------------------|-------------------------------------|
| Density | 2.07 g/cc | 0.0748 lb/in ³ | Sintered moldings; ASTM D4894/D4895 |
| Apparent Bulk Density | 0.730 g/cc | 0.0264 lb/in ³ | DIN 53 466 |
| Linear Mold Shrinkage | 0.022 cm/cm @Thickness 80.0 mm | 0.022 in/in @Thickness 3.15 in | sheet; ASTM D4894 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|--------------------------------|----------------------------------|------------|
| Hardness, Shore D | 68 | 68 | ASTM D2240 |
| Tensile Strength, Ultimate | 11.0 MPa @Thickness 2.00 mm | 1600 psi @Thickness 0.0787 in | ASTM D4894 |
| Elongation at Break | 50 % @Thickness 2.00 mm | 50 % @Thickness 0.0787 in | ASTM D4894 |

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