

3M Dyneon™ CC085 PTFE, PPS-Filled (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Product Form: Brown, non-pelletized powder. Applications include bearings, rider rings, and piston rings. Data provided by Dyneon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-CC085-PTFE-PPS-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.98 g/cc	0.0715 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	value after 15 sec; ASTM D2240
	70	70	initial value; ASTM D2240
Tensile Strength, Ultimate	11.0 MPa	1600 psi	ASTM D4745
Elongation at Break	170 %	170 %	ASTM D4894
Compressive Yield Strength	9.30 MPa	1350 psi	ASTM D695
Compressive Modulus	0.520 GPa	75.4 ksi	ASTM D695
Coefficient of Friction, Dynamic	0.32	0.32	ASTM D3702
K (wear) Factor	29.4 x 10 ⁻⁸ mm ³ /N-M	14.6 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr	at 5000 psi - fpm PV; ASTM D3702

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