

Dow Tyrin® CM674 Elastomer Formulation

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

FormulationTyrin® CPE Elastomer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Tyrin-CM674-Elastomer-Formulation.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in³	ASTM D792
Volatiles	<= 0.20 %	<= 0.20 %	100783-LE90A
Viscosity	1.25 cP @Shear Rate 144 1/s, Temperature 190 °C	1.25 cP @Shear Rate 144 1/s, Temperature 374 °F	Melt Viscosity; CPE D-3A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	10.3 MPa	1490 psi	DOWM 100789-LE90A
Elongation at Break	800 %	800 %	DOWM 100789-LE90A
100% Modulus	0.00340 GPa	0.493 ksi	DOWM 100789-LE90A

Thermal Properties	Metric	English	Comments
Heat of Fusion	33.47 J/g	14.40 BTU/lb	DOWM 100789-LE90A

Descriptive Properties	Value	Comments
Chlorine Content	25 wt%	CPE D-6a

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