



Hostaform® C 9021 FCT1

Celanese Corporation - Acetal (POM) Copolymer

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General Information

Product Description

This tribological modified grade has a good combination of mechanical properties and tribological properties. The mechanical properties are comparable to Hostaform C 9021 especially the good weld line strength. Furthermore this grade FDA complaint for food contact applications.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Features	• Food Contact Acceptable
Uses	• Non-specific Food Applications
Agency Ratings	• FDA Food Contact, Unspecified Rating
RoHS Compliance	• Contact Manufacturer

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	8.50	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	406000	psi	ISO 527-2/1A
Tensile Stress (Yield)	9140	psi	ISO 527-2/1A/50
Tensile Strain (Yield)	9.0	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	30	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.6	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ²	331	°F	ISO 11357-3

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	212 to 248	°F
Drying Time	3.0 to 4.0	hr

Notes

¹ Typical properties: these are not to be construed as specifications.

² 10°C/min