Hostaform® LW140HP WRF
Celanese Corporation - Acetal (POM) Copolymer

General Information

Product Description

Hostaform® LW140HP WRF is an easy flow injection molding grade with higher stiffness based on Hostaform® C 13031. The product contains additives to improve the tribological properties e.g. coefficient of friction and wear. Preliminary Data Sheet

General

Material Status	• Experimental: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Good Flow • Low Friction • High Stiffness • Wear Resistant
Processing Method	• Injection Molding

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	20	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	413000	psi	ISO 527-2/1A
Tensile Stress (Yield)	9430	psi	ISO 527-2/1A/50
Tensile Strain (Yield)	11	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	30	%	ISO 527-2/1A/50
Flexural Modulus (73°F)	377000	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (73°F)	2.4	ft·lb/in²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature [2]	338	°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