



Hostaform® LW140HP WRF

Celanese Corporation - Acetal (POM) Copolymer

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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 Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	20	cm ³ /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/in ²	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

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