

HOSTAFORM® LW140HP WRF - POM

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

Physical properties	Value	Unit	Test Standard
Density	1400	kg/m ³	ISO 1183
Melt volume rate, MVR	20	cm ³ /10min	ISO 1133
MVR temperature	190	°C	ISO 1133
MVR load	2.16	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	2850	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	65	MPa	ISO 527-2/1A
Tensile strain at yield, 50mm/min	10.5	%	ISO 527-2/1A
Tensile nominal strain at break, 50mm/min	30	%	ISO 527-2/1A
Flexural modulus, 23°C	2600	MPa	ISO 178
Charpy notched impact strength, 23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
Melting temperature, 10°C/min	170	°C	ISO 11357-1/-3

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	3 - 4	h	-
Drying temperature	100 - 120	°C	-

Characteristics

Product Categories

Tribological

