POLIFOR® C40 UV

POLIFOR®

Product information

Resin Identification	PP	ISO 1043
Part Marking Code	>PP<	ISO 11469

Rheological properties

Melt mass-flow rate	42	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile stress at yield, 50mm/min	3200	psi	ISO 527-1/-2
Tensile strain at break, 50mm/min	20	%	ISO 527-1/-2
Flexural modulus	167000	psi	ISO 178
Izod notched impact strength, 23°C	2.85	ftlb/in^2	ISO 180/1A

Thermal properties

Vicat softening temperature, 50°C/h 50N	158	°F	ISO 306

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB	class	IEC 60695-11-10
Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.1260	in	IEC 60695-11-10

Physical/Other properties

Density	0.0325	lb/in^3	ISO 1183

Revised: 2024-01-23 Source: Celanese Materials Database

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