Amcel®

Acetal copolymer

PRODUCT DATA SHEET
Amcel KP20 Acetal Copolymer

Amcel® acetal copolymer grade KP20 is a medium-viscosity, general purpose injection moldable grade.

PROPERTIES	TEST METHOD	UNITS	VALUE
PHYSICAL			
Density	ISO 1183	kg/m^3	1410
Melt Flow Rate	ISO 1183	gms/10min	9.0
Melt Volume Rate (MVR)	ISO 1133	cm^3/10min	8.0
MECHANICAL			
Tensile Modulus (1mm/min)	ISO 527-2/1A	MPa	2600
Tensile Stress @ Yield (50mm/min)	ISO 527-2/1A	MPa	64
Flexural Modulus (23°C)	ISO 178	MPa	2450
Charpy Notched Impact (23°C)	ISO 179/eA	KJ/m^2	5.8
THERMAL			
Melting Point (10 C/min)	ISO 3146	°C	166
DTUL @ 1.80 MPa	ISO 75-1, -2	°C	100

Processing Guidelines For Amcel KP20 Acetal Copolymer

Melt Temperature 185°C - 195°C
Mold Temperature 80°C - 90°C

Technical Information: www.AmcelOnline.com