



SEQUEL® 2382

DESCRIPTION:

SEQUEL® 2382 engineered polyolefin is designed for large mold-in-color interior applications that require stiffness and dimensional stability. This material exhibits excellent processability and appearance with 15N scratch resistance.

APPLICATIONS:

Automotive interior instrument panels and interior trim.

PROPERTY	TYPICAL VALUE	UNITS	TEST METHODS
PHYSICAL			
Specific Gravity	1.04	---	ISO 1183
Melt Flow Rate	20	g/10 min	ISO 1133
Mold Shrinkage (AMMS)	0.85	%	ISO 2577
Filler Content	20	%	ISO 3451
Hardness	64	Shore D	ISO 868
MECHANICAL			
Tensile Strength @ yield	26	MPa	ISO R527
Flexural Modulus @ +22°C	2,400	MPa	ISO 178
Notched Izod Impact			
@ 23°C	20	kJ/m ²	ISO 180
@ -40°C	3	kJ/m ²	ISO 180
Multiaxial Instrument Impact			
@ 23°C, 6.7 m/s (15 mph)	24, ductile	J at max load	D-3763
@ 0°C, 6.7 m/s (15 mph)	27, ductile	J at max load	D-3763
THERMAL			
DTUL			
@ 0.45 MPa	122	°C	ISO 75
@ 1.8 MPa	60	°C	ISO 75
CLTE	5 10 ⁻⁵	mm/mm/°C	ASTM D 696
VISUAL			
Five-finger Scratch Resistance	15	N	FLTM BN 108-13
Minimum Load for No Whitening			GMN3943

08/6/04

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