SOLVAY ENGINEERED POLYMERS

technical data

SEQUEL 2384

DESCRIPTION:

SEQUEL® 2384 engineered polyolefin is designed for automotive large mold-in-color interior applications that require stiffness and dimensional stability over a broad temperature range. This material is specifically used in laser scorable air bag/instrument panel applications.

APPLICATIONS:

Interior instrument panels

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
PHYSICAL			
Specific Gravity	1.01	---	ISO 1183
As Molded Mold Shrinkage	0.69	%	ISO 2577
Hardness, Shore D	62	Shore D	ISO 868
Filler Content	17	%	ISO 3451
Melt Flow Rate	18	g/10 min	ISO 1133
MECHANICAL			
Tensile Strength @ Yield	21	MPa	ISO R527
Flexural Modulus @ +22°C	1650	MPa	ISO 178
Notched Izod Impact			ISO 180
@ 23°C	54	KJ/m²	
@ -30°C	7	KJ/m²	
Multiaxial Impact Strength, 15 mph			ASTM D3763
@ 23°C	21	J	
@ 0°C	26	J	
THERMAL			
DTUL @ 455 KPa	92	°C	ISO 175
@ 1820 KPa	55	°C	
CLTE	4.5 E -5	mm/mm/°C	ASTM E-228
VISUAL			
Five-Finger Scratch Resistance Minimum Load for No Whitening	15	N	FLTM BN 108-13

05/25/04

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