SEQUEL 2325

DESCRIPTION:

SEQUEL® 2325 engineered polyolefin is designed for mold-in-color automotive interior applications. This material exhibits low-gloss surface appearance and excellent processability.

APPLICATIONS:

Interior trim that must exhibit excellent impact performance, either for FMVSS201V application areas or application areas interfacing with roof-rail air bags

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
PHYSICAL			
Specific Gravity	0.95	---	ISO 1183
Melt Flow Rate	20	g/10 min	ISO 1133
Mold Shrinkage (AMMS)	0.80	%	ISO 2577
Filler Content	9	%	ISO 3451
Hardness, Shore D	60	---	ISO 686
MECHANICAL			
Tensile Strength @ yield	20	MPa	ISO R527
Flexural Modulus @ +22°C	1400	MPa	ISO 178
Notched Izod Impact			
@ 23°C	44	KJ/m2	ISO 180
@ -40°C	6	KJ/m2	ISO 180
Multiaxial instrument Impact, 15 mph			
@ 23°C	22	J	ASTM D-3763
@ 0°C	27	J	ASTM D-3763
THERMAL			
DTUL °C			
@ 455 KPa	85	°C	ISO 75
@ 1820 KPa	55	°C	ISO 75
CLTE	4.5×10^{-5}	mm/mm/°C	ASTM E-228
VISUAL			
Five-Finger Scratch Resistance Minimum Load for No Whitening	3 - 10	N	FLTM BN 108-13

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