Allen ABS Centrex® 825/LXS

Acrylonitrile Butadiene Styrene SEKISUI Polymer Innovations, LLC

Message:

Centrex® 825/LXS is high impact ABS capped with Centrex® ASA for UV protection and high gloss finish.

Common Applications:

Vehicle Exteriors

Marine parts

Radomes

Features and Benefits:

Custom color matching

Excellent UV properties

Edge trim easily used into future orders

High gloss finish

Features Good UN Resistance Good WResther Resistance High Gloss Uses Automotive Applications Marine Applications Marine Applications Processing Method Sheet Extrusion Physical Nominal Value Unit Test Method Specific Gravity 1.02 to 1.04 g/cm³ ASTM D792 Molding Shrinkage - Flow 0.50 to 0.70 % ASTM D955 Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 34.5 MPa ASTM D638 Flexural Modulus Plexural Strength S5.8 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact Nominal Value Unit Test Method Notched Izod Impact ASTM D790 Thermal Nominal Value Unit Test Method Notched Izod Impact -18°C 320 J/m Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (0.45) MPa, Unannealed) 90.6 °C ASTM D648 Flammability Nominal Value Test Method				
Good Weather Resistance High Gloss Warnine Applications Marine Applications Marine Applications Processing Method Sheet Extrusion Physical Nominal Value Unit Test Method Specific Gravity 1.02 to 1.04 g/cm³ ASTM D792 Molding Shrinkage - Flow 0.50 to 0.70 % ASTM D795 Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 34.5 MPa ASTM D638 Flexural Modulus 2000 MPa ASTM D638 Flexural Strength (Yield) 35.8 MPa ASTM D790 Impact Nominal Value Unit Test Method Nominal Value Unit Test Method ASTM D790 Impact Nominal Value Unit Test Method Nothed Izod Impact ASTM D790 Themat Nominal Value Unit Test Method Deflection Temperature Under Load (0.45 Mpa J/m Thermal Nominal Value Unit Test Method ASTM D564	G,	Good Impact Resistance		
High Gloss Automotive Applications Marine Applications Processing Method Sheet Extrusion Physical Nominal Value Unit Test Method Specific Gravity 1.02 to 1.04 Specific Gravity 1.02 to 0.70 Specific Gravity 1.02 to 0.70 Specific Gravity Unit Test Method Tensile Strength (Yield) Tensile Strength (Yield) Specific Strength (Yield) Specific Gravity Unit Test Method Tensile Strength (Yield) Tensile Strength Specific Gravity Unit Test Method Tensile Strength Tensile Strength Specific Gravity Unit Test Method Tensile Strength Test Method Tensile Strength Test Method	G	Good UV Resistance		
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Notched Izod Impact -18°C 53 J/m 23°C J/m Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (0.45 MPa, Unannealed) 90.6 C ASTM D256	55.6	55.8	MPa	ASTM D790
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Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (0.45 MPa, Unannealed) 90.6 °C ASTM D648	53	53	J/m	
Deflection Temperature Under Load (0.45 MPa, Unannealed) 90.6 °C ASTM D648	320	320	J/m	
MPa, Unannealed) 90.6 °C ASTM D648	Nor	Nominal Value	Unit	Test Method
Flammability Nominal Value Test Method			°C	ASTM D648
Test Method	Noi	Nominal Value		Test Method
Flame Rating (1.52 mm) HB UL 94	nm) HB) НВ		UL 94
Optical Nominal Value Test Method	Noi	Nominal Value		Test Method
Gloss (60°) > 85 ASTM D523	> 8	> 85		ASTM D523

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