

Technical Data Sheet

Sequel 1825 C2 UV 848 BLK

Polypropylene Compounds

Product Description

Sequel 1825 C2 UV 848 BLACK thermoplastic polyolefin is designed for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Ductile; Good Dimensional Stability; Good Processability; Good Stiffness; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.16	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	2400	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	19	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	30	kJ/m ²	ISO 180/1A