



Sequel 1825-UV

Compounded Polyolefin

Product Description

Sequel 1825-UV 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

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Ductile, Low Temperature Impact Resistance, Good Processability, Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.16	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min) Note: 150x10x4 mm specimen	ISO 527-1, -2	20.0	MPa
Flexural modulus (2 mm/min) Note: 80x10x4mm specimen	ISO 178	2500	MPa
Impact			
Multiaxial Impact Strength (-30 °C, 2.2 m/s)	ASTM D3763	30	J
(23 °C, 2.2 m/s)		16.5	J
Additional Information			
Mold shrinkage	ISO 294-4		