



Sequel 1496-PUV

Compounded Polyolefin

Product Description

Sequel 1496-PUV very high melt flow rate, medium high flexural modulus engineered polyolefin material is designed for large exterior automotive applications requiring stiffness-impact balance, excellent paintability, and processability.

Product Characteristics

Test Method used	ASTM
Processing Methods	Injection Molding
Features	Good Impact Resistance , Paintable, Good Processability, Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.948	
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	32	g/10 min
Mechanical			
Flexural Modulus (30 mm/min, 1/4, HES D2502)	ASTM D 790	1485	MPa
Tensile Strength @ Yield (50 mm/min - Type 1)	ASTM D 638	18	MPa
Tensile Elongation @ Brk (50 mm/min - Type 1)	ASTM D 638	>300	%
Impact			
Notched Izod Impact (-30 °C)	ASTM D 256	>59	J/m
Thermal			
CLTE, Flow	ASTM D 696	7.0 E-05	mm/mm/°C
<i>Note: Method SEPLTM</i>			
Heat deflection temperature A	ISO 75/ASTM D 105	648	°C
<i>Note: 66 psi Load</i>			
Additional Information			
Mold shrinkage	ISO 294-4		