



## Sequel 2405

### Advanced Polyolefin

#### Product Description

*Sequel* 2405 very high melt flow, very high modulus engineered polyolefin is designed for large mold-in-color interior applications for the transportation industry that require stiffness, dimensional stability, and good impact characteristics. This material exhibits excellent processability and appearance for mold-in-color applications.

#### Product Characteristics

<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Good Dimensional Stability, Good Impact Resistance , Good Stiffness
<b>Typical Customer Applications</b>	Instrument Panels, Interior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	1.05	g/cm <sup>3</sup>
Melt flow rate (MFR)	ISO 1133	35	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	23	MPa
Flexural modulus (23 °C, 2 mm/min)	ISO 178	2300	MPa
<b>Impact</b>			
Notched izod impact strength (23 °C)	ISO 180	10	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	117	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		