

### Product Information

#### Product Characteristics

- High Flow Injection Molding Grade
- Excellent Light Transmission
- Excellent Clarity

Properties	Test Method	Unit	Typical Values
<b>Physical Properties<sup>1</sup></b>			
Melt Flow Rate (230°C, 37.3N (3.8kgf))	ISO 1133	°C	15
Specific Gravity	ISO 1183	-	1.19
Mold Shrinkage	ISO 294-4	%	0.2-0.6
Rockwell Hardness M Scale	ISO 2039-2	-	94
Refractive Index	ISO 489	-	1.49
Light Transmission	ISO 13468-1	%	92
Haze	ISO 14782	%	<0.5
<b>Mechanical Properties<sup>1</sup></b>			
Tensile Strength at Break	ISO 527-2	MPa	68
Tensile Strain at Break	ISO 527-2	%	2
Flexural Strength	ISO 178	MPa	110
Flexural Modulus	ISO 178	MPa	3,000
Charpy Impact Sgstrength	ISO 179-1	KJ/m <sup>2</sup>	1.4
<b>Thermal Properties<sup>1</sup></b>			
Vicat Softening Temperature	ISO 306	°C	95
Deflection Temperature Under Load			
1.82MPa (annealed)	ISO 75-2	°C	90
Flammability	UL 94	-	HB

<sup>1</sup> Typical Properties; not to be construed as specifications. The data is intended as a general guideline only and does not necessarily represent the results that may be obtained otherwise.

Sumipex® is a registered trademark of Sumitomo Chemical and is distributed by Calsak Corporation

Issued 9-1-13