TARFLON™ NEO AG2240

Polycarbonate

Idemitsu Kosan Co., Ltd.

Message:

Standard

General Information			
Features	Copolymer		
UL File Number	E48268		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.18	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	8.00	cm³/10min	ISO 1133
Spiral Flow	20.0	cm	Internal Method
Molding Shrinkage			Internal Method
Across Flow : 2.00 mm	0.60 to 0.80	%	
Flow : 2.00 mm	0.60 to 0.80	%	
Water Absorption [1] (Equilibrium, 23°C, 50% RH)	0.20	%	ISO 62
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	60.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	100	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179
-30°C	75	kJ/m²	
0°C	85	kJ/m²	
23°C	90	kJ/m²	
Notched Izod Impact			ASTM D256
-30°C	750	J/m	
0°C	800	J/m	
23°C	850	J/m	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, Unannealed	139	°C	ISO 75-2/B
1.8 MPa, Unannealed	125	°C	ISO 75-2/A
CLTE - Flow	7.0E-5	cm/cm/°C	ISO 11359-2
Flammability	**Nominal Value**		**Test Method**
Flame Rating (0.500 mm)	V-2		UL 94

Additional Information	Nominal Value	
ISO Shortname	>PC<	
Injection	**Nominal Value**	**Unit**
Drying Temperature	120	°C
Drying Time	5.0 to 8.0	hr
Rear Temperature	270 to 310	°C
Middle Temperature	270 to 310	°C
Front Temperature	270 to 310	°C
Mold Temperature	80.0 to 110	°C
NOTE		
1.	24h	

Recommended distributors for this material

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