

# TRIEX 3026B (L)

## Polycarbonate Resin

TRIEX 3026B (L) resin is designed for extrusion blowmolding components. Medium viscosity.

PROPERTY	TYPICAL DATA	UNIT	METHOD
<b><u>MECHANICAL</u></b>			
Tensile strength at break, Type I, 3.2mm	700	kgf/cm <sup>2</sup>	ASTM D638
Tensile elongation at break, Type I, 3.2mm	100	%	ASTM D638
Flexural Strength at yield, 6.4mm	900	kgf/cm <sup>2</sup>	ASTM D790
Flexural Modulus, 6.4mm	21,000	kgf/cm <sup>2</sup>	ASTM D790
IZOD Impact, unnotched, 23 °C	NB	kgfcm/cm	ASTM D256
IZOD Impact, notched, 23 °C	80	kgfcm/cm	ASTM D256
<b><u>THERMAL</u></b>			
HDT, 4.5kg/cm <sup>2</sup> , 6.4mm	137	°C	ASTM D648
HDT, 18.6kg/cm <sup>2</sup> , 6.4mm	132	°C	ASTM D648
Thermal Conductivity	0.19	W/m °C	ASTM C177
<b><u>PHYSICAL</u></b>			
Specific Gravity, Solid	1.2		ASTM D792
Melt Flow Rate, 300 °C/1.2kg	2.5	g/10min	ASTM D1238
Coefficient of Linear Expansion	5×10 <sup>-5</sup>	mm/mm/°C	ASTM D955
Water Absorption, 24 hours at 23 °C	0.15	%	ASTM D570
Mold Shrinkage ( 3mm thickness)	0.5 ~ 0.7	%	ASTM D955
<b><u>OPTICAL</u></b>			
Transmittance	88	%	ASTM D1003
Refractive Index	1.585	-	ASTM D542
Haze	1.0	%	ASTM D1003

※ The figures listed in this table are typical values obtained under the standard test methods and may not be applicable for products that are under different application condition.