

## TECHNICAL DATASHEET

**TRIRES<sup>®</sup> ST3-3025U**

PC

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
<b>PHYSICAL</b>			
Specific Gravity	-	D792	1.19
Water Absorption (24 hours at 23°C)	%	D570	0.15
Melt Flow Rate (300°C, 1.2kg)	g/10min	D1238	4
<b>MECHANICAL</b>			
Tensile Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D638	650
Tensile Elongation at break	%	D638	100
Flexural Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D790	900
Flexural Modulus	kg <sub>f</sub> /cm <sup>2</sup>	D790	21,000
Izod Impact Strength, notched, 23°C (1/8")	kg <sub>f</sub> ·cm/cm	D256	85
<b>THERMAL</b>			
HDT, 18.6 kg <sub>f</sub> /cm <sup>2</sup>	°C	D648	132
<b>ELECTRICAL</b>			
<b>OTHERS</b>			

※ 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.