

## TECHNICAL DATASHEET

**TRIRES<sup>®</sup> EM3022U**

PC

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
<b>PHYSICAL</b>			
Specific Gravity	-	D792	1.20
Water Absorption (24 hours at 23°C)	%	D570	0.12
Melt Flow Rate (300°C, 1.2kg)	g/10min	D1238	10
<b>MECHANICAL</b>			
Tensile Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D638	600
Tensile Elongation at break	%	D638	120
Flexural Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D790	800
Flexural Modulus	kg <sub>f</sub> /cm <sup>2</sup>	D790	20,000
Izod Impact Strength, notched, 23°C (1/8")	kg <sub>f</sub> ·cm/cm	D256	70
<b>THERMAL</b>			
HDT, 18.6 kgf/cm <sup>2</sup>	°C	D648	130
<b>ELECTRICAL</b>			
<b>OTHERS</b>			
UL-94 Flammability (0.8mm thickness)	-	(UL 94)	V-2

※ 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.