

TECHNICAL DATASHEET

TRIEX[®] SO4-3025UPNT

PC

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.18
Water Absorption (24 hours at 23°C)	%	D570	0.15
Melt Flow Rate (300°C, 1.2kg)	g/10min	D1238	12
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	600
Tensile Elongation at break	%	D638	100
Flexural Strength at yield	kg _f /cm ²	D790	900
Flexural Modulus	kg _f /cm ²	D790	21,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	80
THERMAL			
HDT, 18.6 kg _f /cm ²	°C	D648	130
ELECTRICAL			
OTHERS			
UL-94 Flammability (0.75mm thickness)	-	(UL 94)	HB
UL-94 Flammability (1.5mm thickness)			V-0
UL-94 Flammability (2.5mm thickness)			V-0, 5VB

※ 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.