

Technical Data Sheet

Pacific Interchem Co., Ltd

Date/ Revised : Mar, 2020(Rev.2)

Product name : POLY TS AD001

TYPOCAL PROPERTIES	Value	Unit	Standard/Measured Instrument
PHYSICAL			
Bulk density	0.89	g/ml	ASTM D792
Core particle size	Approx. 0.2	μm	SEM S-4700 Hitachi
PTFE content	50	%	TGA Q-600 TA Instument
SMMA content	50	%	TGA Q-600 TA Instument
Volatile material	0.6	%	Moisture Analyzer ML-50, AND
FLAME CHARACTERISTICS			
PC + POLY TS 30A(0.5%), 1.5mm thickness	V-0 Anti-dripped		UL94
PC + POLY TS 30A(0.5%), 1mm thickness	V-0 Anti-dripped		UL94
THERMAL			
Melt temperature	410	°C	TGA Q-600 TA Instument
Glass transition temperature	103	°C	DSC Q-100, TA Instument

THESE PROPERTY VALUES ARE NOT INTENDED FOR LIMITED SPECIFICATION PURPOSE

- (1) TYPICAL VALUES ONLY, VARIATIONS WITHIN NORMAL TOLERANCES ARE POSSIBLE FOR A LOT APPLICATION MATRIX RESPECTIVELY
- (2) ALL SAMPLES TESTED UNDER ISO TEST ARE PREPARED ACCORDING TO ISO STANDARD THAT INSTRUMENT MAKER APPLIES TO THEIR INSTRUMENT DESIGN CORRESPOND TO ISO