

Technical Data Sheet

Pacific Interchem Co., Ltd

Date/ Revised : Mar, 2020(Rev.3)

Product name : POLY TS 30X

| TYPOCAL PROPERTIES | Value | Unit | Standard/Measured Instrument |
|--|---------------------|---------------|------------------------------|
| PHYSICAL | | | |
| Bulk density | 0.56 | g/ml | ASTM D1895A |
| Core particle size | Approx. 0.2 | μm | SEM S-4700 Hitachi |
| PTFE content | 50 | % | TGA Q-600 TA Instument |
| SAN content | 50 | % | TGA Q-600 TA Instument |
| Volatile material | 0.5 | % | 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 | 100 | °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