

ProTherm® 4529 CPVC
(PVC-C)

Westlake Chemical Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2896	MPa	ASTM D 638
Tensile Strength at Yield	49.6	MPa	ASTM D 638
Flexural Modulus	2758	MPa	ASTM D 790
Flexural Strength	82.7	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	101	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1490	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Certifications

Drinking water contact, Drinking water contact NSF 61

Delivery form

Pellets

Regional Availability

North America

Special Characteristics

Heat stabilized or stable to heat