

6509

PVC

Westlake Chemical Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2413	MPa	ASTM D 638
Tensile Strength	41.4	MPa	ASTM D 638
Flexural Modulus	2758	MPa	ASTM D 790
Flexural Strength	75.8	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Gardner Impact	25.3	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	747	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 66 psi	74	°C	ASTM D 648
DTUL @ 264 psi	70	°C	ASTM D 648
Limiting Oxygen Index	36	%	ASTM D 2863

Other properties	Value	Unit	Test Standard
Density	1400	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Special Characteristics

Anti-static