

SP-7221

PVC

Westlake Chemical Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2413	MPa	ASTM D 638
Tensile Strength	42.7	MPa	ASTM D 638
Flexural Modulus	2586	MPa	ASTM D 790
Flexural Strength	68.9	MPa	ASTM D 790
Rockwell Hardness	R 97	-	ASTM D 785
Gardner Impact	36.2	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			
DTUL @ 66 psi	74	°C	ASTM D 648
DTUL @ 264 psi	71	°C	ASTM D 648
Limiting Oxygen Index	36	%	ASTM D 2863

Other properties	Value	Unit	Test Standard
Density	1330	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

High impact or impact modified

Regional Availability

North America

Certifications

Drinking water contact, Drinking water contact NSF 61