

NR-5009

PVC

Westlake Chemical Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2827	MPa	ASTM D 638
Tensile Strength	50.3	MPa	ASTM D 638
Flexural Modulus	2896	MPa	ASTM D 790
Flexural Strength	89.6	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Gardner Impact	36.2	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	58.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 66 psi	75	°C	ASTM D 648
DTUL @ 264 psi	71	°C	ASTM D 648
Limiting Oxygen Index	38	%	ASTM D 2863
Other properties			
Density	1390	kg/m ³	ASTM D 792

Characteristics**Features**

Color Stability

Regional Availability

North America

Certifications

Drinking water contact, Drinking water contact NSF 61