

5055 White

PVC

Westlake Chemical Corp.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2972	MPa	ASTM D 638
Tensile Strength at Yield	41.4	MPa	ASTM D 638
Flexural Modulus	2785	MPa	ASTM D 790
Flexural Strength	75.8	MPa	ASTM D 790
Rockwell Hardness	R 116	-	ASTM D 785
Shore D Hardness	81	-	ASTM D 2240
Izod Impact unnotched, 1/8 in	1230	J/m	ASTM D 256
Izod Impact unnotched, 1/4 in	907	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Coefficient of Thermal Expansion, MD	64.8	E-6/K	ASTM D 696
DTUL @ 264 psi	71.1	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1470	kg/m ³	ASTM D 792

Characteristics**Chemical Resistance**

General Chemical Resistance

Regional Availability

North America