

**7045**

PVC

Westlake Chemical Corp.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>2758</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>44.8</b>	MPa	ASTM D 638
Flexural Modulus	<b>2758</b>	MPa	ASTM D 790
Flexural Strength	<b>86.2</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 108</b>	-	ASTM D 785
Shore D Hardness	<b>79</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>1070</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.635</b>	mm	-
Coefficient of Thermal Expansion, MD	<b>72</b>	E-6/K	ASTM D 696
DTUL @ 264 psi	<b>72.2</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1380</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Profile Extrusion

**Chemical Resistance**

General Chemical Resistance

**Special Characteristics**

Flame retardant

**Regional Availability**

North America