

**MP-6585**

PVC

Westlake Chemical Corp.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0035</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	<b>2482</b>	MPa	ASTM D 638
Tensile Strength	<b>41.4</b>	MPa	ASTM D 638
Flexural Modulus	<b>2620</b>	MPa	ASTM D 790
Flexural Strength	<b>75.8</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 100</b>	-	ASTM D 785
Gardner Impact	<b>36.2</b>	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	<b>534</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
DTUL @ 66 psi	<b>75</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>70</b>	°C	ASTM D 648
Limiting Oxygen Index	<b>36</b>	%	ASTM D 2863
<b>Other properties</b>			
Density	<b>1350</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America

**Applications**

Electrical and Electrical