

**FORMPOLY PPOFR90V1**

PPO

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	45	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2800	MPa	ASTM D 790
Flexural Strength	75	MPa	ASTM D 790
Izod Impact notched, 1/8 in	137	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	V-1	-	UL 94
DTUL @ 264 psi	90	°C	ASTM D 648
Vicat Temperature	95	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Water Absorption, Equilibrium	0.4	%	ASTM D 570
Density	1100	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Special Characteristics**

Flame retardant

**Features**

Low Odor

**Applications**

Electrical and Electronical, General Purpose

**Regional Availability**

Asia Pacific