

**Fiberfil® PP-60/V0**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	17	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.019	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1790	MPa	ASTM D 638
Tensile Strength	35.9	MPa	ASTM D 638
Elongation at Yield	25	%	ASTM D 638
Flexural Modulus	1720	MPa	ASTM D 790
Flexural Strength	44.8	MPa	ASTM D 790
Rockwell Hardness	R 92	-	ASTM D 785
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-
DTUL @ 66 psi	82.2	°C	ASTM D 648
DTUL @ 264 psi	71.1	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	998	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	77	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.2	%	-
Melt temperature	193 - 216	°C	-
Mold temperature	32 - 71	°C	-
Zone 1	182 - 199	°C	-
Zone 2	193 - 210	°C	-
Zone 3	188 - 204	°C	-
Nozzle temperature	182 - 193	°C	-
Back pressure	0 - 0.689	MPa	-

**Characteristics****Processing**

Injection Molding

**Features**

Homopolymer

**Delivery form**

Pellets

**Regional Availability**

North America

**Special Characteristics**

Flame retardant