

FORMPOLY ABSGP30FR

ABS

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	45	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2700	MPa	ASTM D 790
Flexural Strength	75	MPa	ASTM D 790
Izod Impact notched, 1/8 in	157	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 66 psi	95	°C	ASTM D 648
DTUL @ 264 psi	90	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Features

Low Odor

Applications

Automotive, Electrical and Electronical, General Purpose

Regional Availability

Asia Pacific