

DIAMALLOY ABSPC 7801

(ABS+PC)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	29	g/10min	ASTM D 1238
Temperature	265	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2324	MPa	ASTM D 638
Tensile Strength at Yield	40.9	MPa	ASTM D 638
Flexural Modulus	2020	MPa	ASTM D 790
Flexural Strength	66	MPa	ASTM D 790
Izod Impact notched, 1/8 in	550	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	106	°C	ASTM D 648
Vicat Temperature	137	°C	ASTM D 1525
Other properties			
Density	1110	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat