

DIAMALLOY ABSPC 750

(ABS+PC)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11.8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength at Yield	61.6	MPa	ASTM D 638
Elongation at Yield	4.5	%	ASTM D 638
Flexural Modulus	2586	MPa	ASTM D 790
Izod Impact notched, 1/8 in	747	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 264 psi	87.8	°C	ASTM D 648
Vicat Temperature	113	°C	ASTM D 1525
Other properties			
Value	Unit	Test Standard	
Density	1170	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

North America