

Diamond ABS 7500E

ABS

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.7	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	46.2	MPa	ASTM D 638
Flexural Modulus	2172	MPa	ASTM D 790
Rockwell Hardness	R 102	-	ASTM D 785
Izod Impact notched, 1/8 in	400	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 264 psi	80	°C	ASTM D 648
Vicat Temperature	107	°C	ASTM D 1525
Other properties			
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion

Regional Availability

North America

Special Characteristics

High impact or impact modified