

ACCULOY™ PCA083L

(PET+ABS)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1700	MPa	ASTM D 638
Tensile Strength at Yield	53	MPa	ASTM D 638
Tensile Strength at Break	42	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Elongation at Break	33	%	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Flexural Strength	81	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	106	°C	ASTM D 648
DTUL @ 264 psi	87	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America