

ISOPAK-547

ABS

Great Eastern Resins Industrial Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	200	°C	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	47.1	MPa	ASTM D 638
Elongation at Break	28	%	ASTM D 638
Rockwell Hardness	R 105	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.16	mm	-
DTUL @ 264 psi	89	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.3	%	ASTM D 570
Density	1030	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

High impact or impact modified

Applications

IT / Business Machine, Electrical and Electronical, General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa