

EH50

PPE

Cheng Yu Plastic Company Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength	51	MPa	ASTM D 638
Flexural Modulus	2209	MPa	ASTM D 790
Flexural Strength	82	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	128	°C	ASTM D 648
DTUL @ 264 psi	113	°C	ASTM D 648
Other properties			
Value	Unit	Test Standard	
Density	1080	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

Asia Pacific