

PHS4000R

PP

Itochu Plastics Pte. Ltd.

Product Texts

Homopolymer for Raffia.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.9	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37.2	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Rockwell Hardness	R 103	-	ASTM D 785
Izod Impact notched, 1/8 in	37.4	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	164	°C	ASTM D 3418

Other properties

	Value	Unit	Test Standard
Density	905	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Applications

General Purpose

Regional Availability

Asia Pacific