

SABIC® PP 651H

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

PP 651H is a high molecular weight, low melt flow rate polypropylene random copolymer (PP-R) green colored & specially designed for transport of hot and cold drinking water. This grade is highly heat stabilized and specially formulated for extraction resistance with improved throughput & gloss.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.25	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield strain	13	%	ISO 527
ASTM Data			
Tensile Strength at Yield	28	MPa	ASTM D 638
Rockwell Hardness	R93	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	80	°C	ASTM D 648

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Features

Copolymer