



Technical Datasheet

PS B076

RECYCLED HIGH IMPACT POLYSTYRENE FOR SHEET EXTRUSION

Description

ALWASHIM PS B076 is a recycled high Impact PS the source of PS B076 is used drinking water cups. It is generally grayish white color. It is high impact strength polystyrene with high heat deflection temperature and good physical properties.

Typical Applications

Extrusion and thermoforming applications

Processing Conditions.

Typical extruder barrel temperature (°C) profile for PS B076 185-205

Die temperature (°C): 215-225

Polymer Properties

PROPERTIES (Range)	TYPICAL VALUES	UNITS	TEST METHOD
@ 190 °C and 2.16 kg	3.02 – 3.9	g/min	ASTM D1238
Density	900 -920	kg/m ³	ASTM D1505
Ash Content	0.1	%	ASTM D2584

Melt flow rate tested at the ASTM D 1238 (kgf)

2.16 kilogram-force-minute = 21.182364 kilogram-meter per minute

A kilogram-force-minute (kgf·min) is a non-SI metric unit of impulse.

A kilogram-meter per minute (kg·m/s) is a non-SI metric unit of impulse

