

# BS500

## Description

High mechanical property and processability

Application : non-crosslinked foam

Additives : Slip & Antiblock agent

Properties	Method	Condition	Unit	BS500
<b>Physical</b>				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	3.3
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.921
<b>Film Properties</b>				
Tensile Strength at Break Point, MD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	175
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	175
Elongation at Break Point, MD	ASTM D882	500mm/min	%	430
Elongation at Break Point, TD	ASTM D882	500mm/min	%	620
Dart Impact Strength	ASTM D1709	Method A	g	80
Haze(50μm)	ASTM D1003	50μm	%	7
<b>Thermal</b>				
Melting Temperature	LG Method	by DSC	°C	109
Vicat Softening Temperature	ASTM D1525	A50	°C	95

## Note

The properties data in this table are typical values, and not guaranteed specification.  
Typical resin property values are measured on film specimens.