

BLOW MOULDING

HD 5403 EA

HD 5403 EA is a medium molecular weight copolymer grade with a broad molecular weight distribution, which offers excellent processing properties for use in a range of blow moulding applications.

HD 5403 EA has the following characteristics:

- *Excellent processing*
- *Good rigidity*
- *Good environmental stress- cracking resistance*
- *Medium impact strength*

Applications :

- *Blow moulded containers up to 30 liters for packaging*
- *Chemicals*
- *Household products*
- *Oils and food stuffs*

TYPICAL PROPERTIES

<i>Property</i>	<i>Unit</i>	<i>Method of test</i>	<i>Value</i>
<i>Melt flow rate(2.16Kg)</i>	g/10 min	ISO 1133	0.35
<i>Density</i>	Kg/m ³	ISO 1183-2	955
<i>Tensile strength at yield</i>	MPa	ISO 527 1&2	26
<i>Elongation at break</i>	%	ISO 527 1&2	950
<i>Flexural Modulus</i>	MPa	ISO 178	1070
<i>Impact Resistance, F50</i>	m	ASTM 2463	2.4
<i>BSCR, 50°C</i>	hours	ASTM 2561	15

AA: Stabilisation – **KJ:** High Slip Antiblock – **AF:** Processing Aid – **LJ:** Medium Slip, High Antiblock – **FB:** Low Gel Film – **EA:** Standard unmodified except for antioxidant – **GA:** Gas Phase Process – **UA:** UV Stabilisation

BSCR: Bottle stress cracking resistance.