

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 :

1. *Excellent processing*
2. *Good rigidity*
3. *Good environmental stress-cracking resistance*
4. *Medium impact strength*

Applications :

1. *Blow moulded containers up to 30 liters for packaging*
2. *Chemicals*
3. *Household products*
4. *Oils and food stuffs*

TYPICAL PROPERTIES

Property	Unit	Method of test	Value
Melt flow rate(21.6Kg)	g/10 min	ISO 1133	0.35
Density	Kg/m ³	ISO 1183-2	955
Tensile strength at yield	MPa	ISO 527 1&2	26
Elongation at break	%	ISO 527 1&2	950
Flexural Modulus	MPa	ISO 178	1070
Impact Resistance, F50	m	ASTM 2463	2.4
BSCR, 50°C	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.