

# INJECTION MOULDING

Food Approved

## **HD 5740 UA**

HD 5740 UA is a high density polyethylene copolymer grade with a narrow molecular weight distribution, specially developed for injection moulding of heavy duty articles

Application :

1. *Large dustbins and pails*
2. *Pallet boxes*
3. *Fish crates*
4. *Technical moulding*

### TYPICAL PROPERTIES

Property	Value	Unit	Method of test
Melt flow rate(2.16Kg)	4	g/10 min	ISO 1133
Density	957	Kg/m <sup>3</sup>	ISO 1872/1
Tensile strength at yield	27	MPa	BP 13B/ 1
Elongation at break	1000	%	BP 13B/ 1
Flexural modulus	1250	MPa	ISO 178-1975
BSCR,50,23CO	>50	hours	ASTM D 1693
Charpy impact resistance	10	KJ/M <sup>2</sup>	ISO 179

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