



LDPE APAK 52518H

LDPE is defined in the density range of 0.910-0.940 g/ cm³ . It is inert at room temperature except for high oxidation factors. It can withstand temperatures of 80 °C continuously and a short time at 95 °C. It is formed in completely flexible translucent or opaque variations and is almost too strong to break.

LDPE APAK 52518H is a HDPE copolymer for Injection Moulding for applications requiring a good balance between easy of processability and flowability and mechanical properties.

Resin Properties	Unit	Typical Value	ASTM Method
Melt Index (190°C/ 2.16Kg)	g/10 min	18	D1238
Density	g/ml	0.952	D1505
Thermal Properties @	Unit	Typical Value	Test Method
Vicat Softening Point	°c	121	D1525
Moulded Properties@	Unit	Typical Value	Test Method
Flexural Modulus	MPa	1200	D790
Notched Izod Impact @ 23 °c	J/m	19	D256/A
compression moulded specimen obtained according to ASTM D 1928°C			