

High Density Polyethylene (ARPE)

Processing HDPE Black Repro (Blow Mold)

<u>Convert Imperial</u>		
Mold		20 – 60 Deg. C
Melt		180 – 250 Deg. C
Max Temp		280 Deg. C
Drying		80 Rarely
Injection Speed		Medium to High
Purge		HDPE

Physical Characteristics

Structure		Crystalline
Opacity		Translucent to Opaque
Physical		Tough, Waxy Surface
Specific Gravity		0.97
Shrinkage		1.0 to 2.0%
Melting Point		100 Deg. C
HDT		60 – 90 Deg. C
Service Temp		84 Deg. C

HDPE is generally easy to process, with higher molecular weight grades having stiffer flow properties.

Applications include: Containers, Storage, seals & closures.

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