

# Arak LLDPE BD2450AA

Linear Low Density Polyethylene  
Shazand (Arak) Petrochemical Corporation

Message:

BD24250AA is a linear low density polyethylene copolymer containing butene-1 as a co-monomer.  
BD24250AA is suitable for high flow injection moulding applications such as house wares, boxes and closures.  
The superior stress crack resistance makes it particularly good for caps and closures.  
\* BD24250AA is suitable for food contact.

General Information			
Features	Butene Comonomer		
	Copolymer		
	Food Contact Acceptable		
	High ESCR (Stress Crack Resist.)		
	High Flow		
Uses	Caps		
	Closures		
	Containers		
	Household Goods		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm <sup>3</sup>	ASTM D2838
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	13.0	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	390	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	25	J/m	ASTM D256

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