

AKSAD GROUP PETROCHEM

1102K

POLYMER

TYPE Polypropylene Homopolymer

GRADE NAME

1102 K

PACKING

Bags of 25 kgs, 50 Bags on a Pallet Shrinked b

APPLICATION

Thermoformed Parts, Dairy Products, Tape Yarn, Raffia, MonoFilaments, Strapping Carpet Backing

PRODUCT

FEATURES Homopolymer With Low Water Carry Over and Preferred Grade for Tapes

Processing METHOD

Extrusion

Properties	Test Method	Unit	Value
MFR (230° C/ 2.16 Kg)	ASTM D1238/L	gr/10min	3/2
Tensile Modulus of Elasticity (1mm/min)	ASTM D638	MPa	1500
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	34
Elongation at Yield(50 mm/min)	ASTM D638	%	9
Notched Charpy Impact at 23°	ISO 179/ 1eA	KJ/m2	4
Notched Charpy Impact at -30°	ISO 179/ 1eA	KJ/m2	42742
Vicat Softening Point, 10N	ASTM D1525	°C	154
Ball Indentation Hardness	ISO 2039-1	MPa	74
HDT (0.46 N/mm2)	ASTM D648	°C	85
Melting Point , DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm3	0/91