

# Technical Datasheet

## EP1 X 35 AF

### 1) Product Description:

EP1 X 35 AF is a slightly modified random copolymer for the production of cast and water-quenched blown film. EP1 X 35 AF is formulated with a slip and antiblock package and exhibits excellent antistatic properties. EP1 X 35 AF is well suited for lamination to bioriented polypropylene film or other materials to form the welding layer.

Film produced with EP1 X 35 AF is particularly suited for the packaging of foodstuffs such as sweets, biscuits and snacks and for the packaging of books, stationery, blankets, shirts and hosiery.

### 2) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (230 °C, 2.16kg)	ISO 1133	dg/min	8
Density	ISO 1183	g/cm <sup>3</sup>	0.9
Flexural Modulus	ISO 178	N/mm <sup>2</sup>	1050
Tensile Strength Yield	ISO R 527	N/mm <sup>2</sup>	28
Elongation at Yield	ISO R 527	%	14
Izod Impact Strength (notched) at 23 °C	ISO 180	KJ/m <sup>2</sup>	4.5
Hardness Shore D	ISO 868	points	67
Accelerated oven ageing in air at 150 °C	ISO 4577	hours	360
Haze	MTM 17031	%	0.8
Gloss (45°C)	MTM 17021	%	85

a) Values shown are averages and are not to be considered as product specification.

b) ISO test methods are the latest under the society's current procedures. All specimens are prepared by injection moulding.

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