

EA 5S

Product Grade	EA 5S
Applications	Sheet extrusion for thermoformed packages with antistatic properties Dairy cups and containers Cups for drinking water apparatus and coffee-makers Trays for sweet-meats and other foodstuffs
Product Description	HIPOLEN P EA 5S is medium flow polypropylene homopolymer with improved anti-electrostatic properties. Grade EA 5S is designed for sheet extrusion processes with enhanced processing stability for multiple-pass extrusion. Packages made from EA 5S have high resistance to extraction of stabilizers and uniform wall thickness. Softening point higher than 140°C enables use of articles from EA 5S in microwave ovens.

Product Properties	Testing Method	Nominal Value	Unit
Melt Flow Rate MFR	ISO 1133, (230oC; 2,16 kg)	3,2	g/10 min
Density	ISO 1183 (D)	0,90	g/cm3
Tensile Strength at Yield	ISO 527	32	MPa
Tensile Modulus	ISO 527	1250	MPa
Flexural Modulus	ISO 178	1200	MPa
IZOD Impact Resistance	ISO 180 (23oC, notched)	5,5	KJ/m2