

TECHNICAL DATA SHEET

Type:	Impact Block Copolymer
Product Name:	ESENTTIA 01C25

Characteristics: Low melt flow rate polypropylene impact block copolymer with very high impact/stiffness balance.

Recommended for: Compounding for the automotive industry, sheet extrusion, cartonplast, high volume extrusion blow molding containers and general purpose extrusion applications.

Property	English Units	SI Units	ASTM Test
Melt Flow Index (230°C - 2,16 kg)	0,70 g/10 min	0,70 g/10 min	D-1238 B
Tensile yield strength (50 mm/min)	3.300 psi	22,8 MPa	D-638
Tensile yield elongation (50 mm/min)	9,5 %	9,5 %	D-638
Flexural modulus 1% secant (1,3 mm/min)	160.000 psi	1.103,2 MPa	D-790-1A
Notched Izod Impact strength (23°C/73°F)	13,00 ft-lb/in	694,2 J/m	D-256-A
Gardner impact strength (-30 °C/-22 °F)	310 in-lb	35,0 J	D-5420 A

@ Specimen Type I 3.2 mm thick injected according to ASTM D 4101 09. The values of properties registered above represent reference values and should be taken as a guide and not be interpreted as product specifications. Only the properties and values included in the Certificate of Analysis (CoA) are considered as a guarantee of the product. The values of Technical Data Sheet can be adjusted over time, ESENTTIA S.A. shall not be under a duty to notify you of any changes of them, therefore, we suggest you periodically request an update of the technical documentation that applies to our products, through any of the service channels described at end of this document.

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ESENTTIA products do not contain additives or other substances that can induce oxy-degradation of the polymer. The use of these additives with ESENTTIA products implies the immediate loss of the performance guarantee described in the Certificate of Analysis.

NOTE: For products used in food contact applications, you must request regulatory compliance information through any of the customer service channels described at the end of this document.

CUSTOMER SERVICE CHANNELS: website www.esenttia.co sign in with your username and password option Technical Assistance, phone-line (+57)(60)(1) 5960210, or sending your request to the email servicioalcliente@esenttia.co

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Cartagena, Colombia:
AA. 4336 - Vía Mamonal km 8
+57 (5) 668 8700

Bogota, Colombia
26th Avenue Street, 57-83
T7 - T8 Tower, 11th Floor (Building 7)

Esenttia S.A. NIT. 800.059.470-5

Customer Support
E-mail: servicioalcliente@esenttia.co
+57 (1) 596 0210

www.esenttia.co



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