

# Adell PS IF-10

High Impact Polystyrene

Adell Plastics, Inc.

Message:

Adell PS IF-10 is a High Impact Polystyrene material. It is available in North America.

Important attributes of Adell PS IF-10 are:

Flame Rated

Impact Resistant

General Information			
Features	High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.50	%	ASTM D955
Water Absorption (24 hr)	0.050	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	65		
R-Scale	94		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	26.2	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	32.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.3	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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