

AMERICOLENE® ARC35C-01



Polypropylene Random Copolymer (PPRC)

Americolene® ARC35C-01 a high flow rate, high clarity random copolymer having a moderate level of antistat. In addition to clarity, its benefits include rapid molding cycles and good impact at room and refrigerator temperatures. It meets the requirements of the U.S. Food and Drug Administration, as specified in 21 CFR 177.1520.

Typical applications include:

Thin-wall Rigid packaging
 Consumer products Housewares and medical items

Nominal Physical Properties:

PROPERTY	ASTM TEST METHOD	UNIT	VALUE
<i>Typical Resin Properties for ARC35C-01:</i>			
Melt Flow Rate 230°C/2.16 kg	D1238	g/10 min.	35.0
Density	D792	g/cc	0.904
Injection Molded Sample			
Tensile Strength (2 in/min)	D638		
@ Yield		29.6 MPa	4,600 psi
@ Break		17.6 MPa	2,560 psi
Elongation (2 in/min)	D638		
@ Yield		13.7%	13.7%
@ Break		>500%	>500%
Flexural Modulus	D790B		
1% Secant		1,093 MPa	158,500 psi
Notched Izod Impact Strength	D256		
@ 23 C		0.88 ft-lbf/in	4.60 kJ/m2
@ 4 C		0.57 ft-lbf/in	3.00 kJ/m2
Hardness	D785		
Rockwell R		84	84
Vicat Softening Point	D1525	130 C	267 F

* MD / TD

Published 02/01/13, Revised 11/10/21

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