

DATA SHEET (effective 08/17/07)

## PK200 (Standard PE Tubular/Profiles)

### Physical Properties

Polymer	Polyethylene	
Color	Various	
Standard	Various	
Classifications	GM6075M – Type 1 & Type 5	
1. 25% Compression Resistance (psi)	ASTM D 3575	5.8 – 8.5
2. 50% Compression Set (%)	ASTM D 3575	16 – 22
3. “00” Durometer Compression Deflection	ASTM D 2240	55 – 63
4. Density (lb/ft <sup>3</sup> )	ASTM D 3575	1.5 – 2.5
5. Tensile (psi)	ASTM D 412	40 – 51
6. Elongation (%)	ASTM D 412	61 - 106
7. Flammability (1)		
FMVSS 302	0 Burn Rate @ 0.18”	Pass
25/50 Rating	ASTM E 84	Available upon request
Tube (in.)	Minimum/Maximum ID	0.18 / 4.80
	Minimum/Maximum OD	0.50 / 7.00
	Minimum/Maximum Wall	0.18 / 2.50
Solid Rod (in.)	Minimum//Maximum OD	0.50 / 5.00
Profile Shape (in <sup>2</sup> )	Minimum/Maximum Cross Sectional Area	0.20 / 20.00
Temp Range* (°F)	-65 to 200	

(1) Flammability – This item and any corresponding data refer to typical performance in the specific test indicated and should not be construed to imply this material's behavior in other fire conditions.

\*General recommendation based on polymer type. Please contact Technical Department for specific application requirements.

Physical properties listed are a range based on foam used in common applications; other properties can be developed based on need. Other sizes may be available. Please contact Armacell Customer Service.

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