

Hexcel® HexWeb® CRF-1/4-ACG-.002-3.4 Chromate free ACG® Honeycomb

Category : Metal , Nonferrous Metal , Aluminum Alloy , 3000 Series Aluminum Alloy

Material Notes:

Hexweb CRF is a hexagonal cell aluminum honeycomb material used principally as a shear carrying core in light weight adhesively bonded sandwich structures, and suitable for a wide range of other applications. Hexweb CRF is available in a number of cell sizes and densities allowing versatility in design of sandwich structures with minimum weight but maximum stiffness and buckling resistance. Hexweb CRF utilizes the benefits of a chromate free corrosion protection coating. Key Features: Chromate free corrosion protection coating; Good strength and stiffness to weight ratio; High fatigue resistance; Good vibration damping characteristics; Non-combustible; Can be machined to complex profiles; Exhibits uniform crushing characteristics; Compatible with a wide range of skin materials, providing a good bonding surface for Redux® adhesives.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexWeb-CRF-14-ACG-002-34-Chromate-free-ACG-Honeycomb.php

| Mechanical Properties | Metric | English | Comments |
|----------------------------|-----------|----------|--------------------------|
| Compressive Yield Strength | 2.50 MPa | 363 psi | Stabilised |
| Compressive Modulus | 0.540 GPa | 78.3 ksi | |
| Shear Modulus | 0.130 GPa | 18.9 ksi | Plate Shear, W direction |
| | 0.260 GPa | 37.7 ksi | Plate Shear, L direction |
| Shear Strength | 0.850 MPa | 123 psi | Plate Shear, W direction |
| | 1.40 MPa | 203 psi | Plate Shear, L direction |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China