Raysovec Ac

A product of Rayco Technologies

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RAYSOVEC Ac

New Acrylate based Dispense/Mold-In-Place Gasket Material Injection moldable & UV curable with low outgas

Raysovec Ac is a specialty acrylate based elastomer compound formulated for rapid dispensing/injection molding applications. The material is easily curable by UV irradiation and has low outgas upon heat curing. A new revolutionary material, it is designed for today's fast paced production techniques, eliminating the need for unnecessary secondary processes such as deflashing.

Raysovec Ac main features

- Low temperature injection molding material
- Clean with very low outgas
- Hard but flexible material
- Highly compressible
- Excellent heat resistance
- Excellent chemical resistance
- Good adhesion to metal & plastics substrates

Material Specifications

Physical

Properties	Test Method	Units	Value
Chemical Composition	-	-	Acrylate Elastomer Based
Physical Form @ R.T	-	-	Solid
Color	-	-	Natural
Specific Gravity	ASTM D792	-	1.03

Mechanical

Properties	Test Method	Units	Value
Hardness (Shore A)	ASTM D2240	-	50
Compression Set (80°C for 72hrs)	ASTM D395	%	29
Tensile Strength	ASTM D412	MPa (psi)	6.5 (950)
Elongation @ Break	ASTM D412	%	120
Adhesion to substrate Shear force	-	N	6 - 8

Cleanliness Data

Properties	Test Method	Units	Value
Outgas by DHS	20800020-001 Rev E	ng/g	2,000 – 3,000

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking the supplies immediately on receipt. The user shall evaluate and determine whether the product is suitable for the intended applications. We reserve the rights to alter product constants within the scope of technical progress or new developments. In no case will Rayco be liable for any special, incidental, or consequential damages based on breach of warranty or contract, negligence, strict tort, or any other theory.
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