

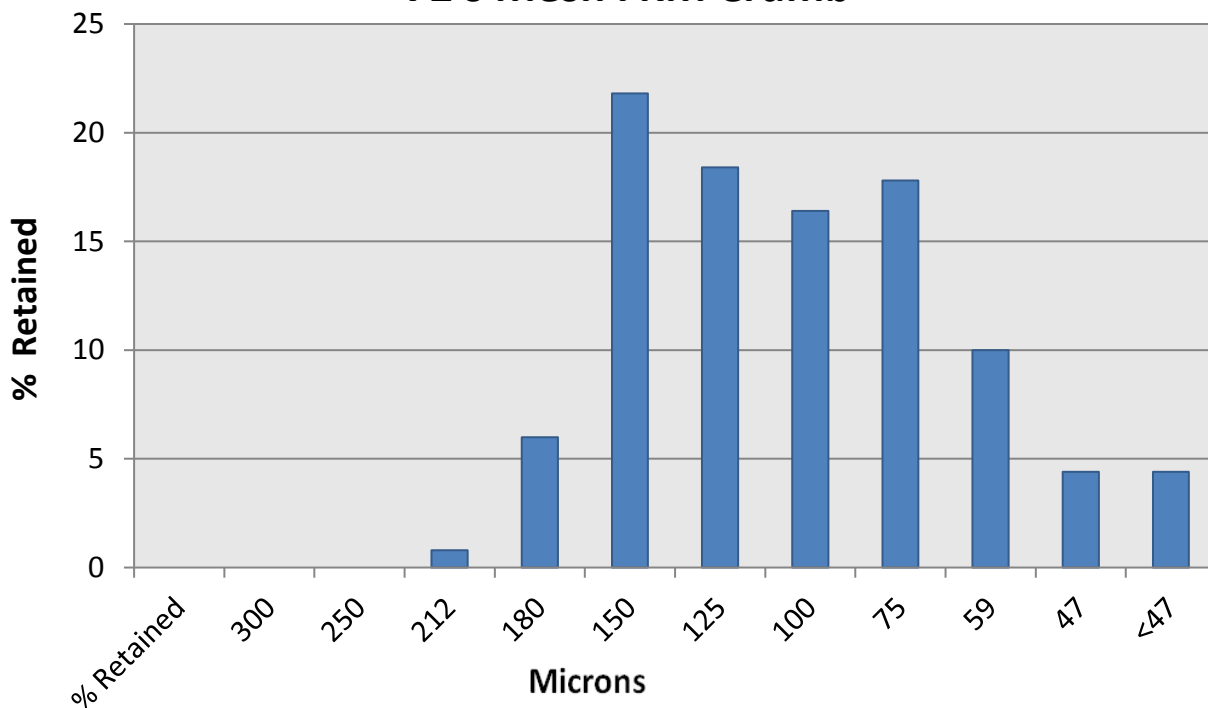
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INTRODUCTION

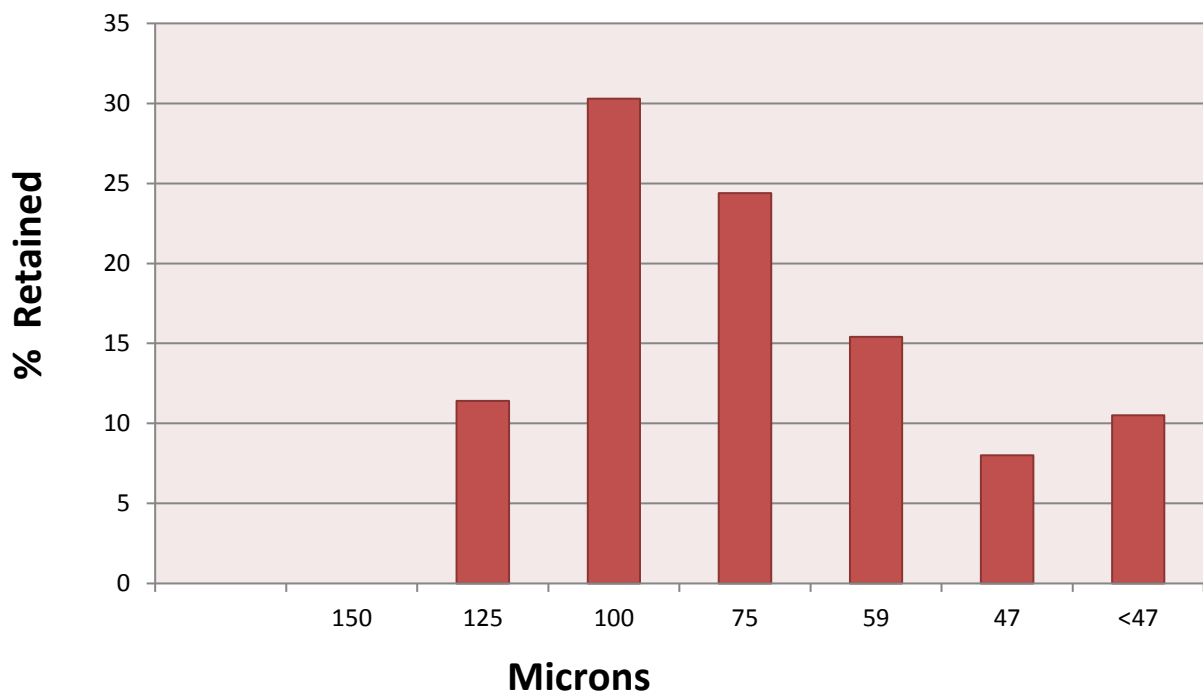
FKM Crumb.

- J. Allcock & Sons Ltd. Was established in 1924
- Making FKM Crumb since 1999
- Current FKM production levels are almost 100MT per year
- Unique ambient grinding process
- Very fine particles produced (finest has maximum size 150µm)
- Post cured and/or pre post cured can be processed
- We have developed a 'Closed Loop' waste management system
- ISO 9001:2015 approved – held quality mark since 1997
- All grades can be TGA tested
- Small lots can be processed
- Offer a trial with money back guarantee

**Particle Size Distribution
72's Mesh FKM Crumb**



**Particle Size Distribution
120's Mesh FKM Crumb**



SUMMARY

The **FKM Crumb** we produce can be added in economic amounts, into Virgin Fluoro-compounds:

10% use in "O" rings is common – up to 25% can be used

Up to 40% in sheeting

Basic properties are hardly changed.

Advantages are:

- ❖ As a raw material that can be used to reduce cost, but not affect properties. The cost of the crumb is considerably lower than polymer or compound, and as the S.G. is the same, there is NO effect on volume cost.
- ❖ As a guide, 1% of crumb used = 1% reduction in compound cost
- ❖ A real economic advantage will be derived from the saving in waste disposal, which is a cost that gives no return. With our input, that waste could be recovered.
 - No skip or removal charges.
 - No problems with current and future anti-tipping/landfill legislation
 - Cost of recycling is insignificant compared to economic advantages
 - Environmentally sound, 'closed loop' system can easily be established
 - Technical advantages of reduced air trapping and improved compression set.
 - Advantageous with regard to ISO 14001:
 - Will boost a company's "green" credentials.
 - Indirectly; zero waste can be achieved