

<b>Product</b>	<b>CARBOFOIL FPU 90</b>																												
<b>Description</b>	Expandable, non-halogenated and solid flame retardant with simple processability, for use in polyurethane foam.																												
<b>Process</b>	CARBOFOIL FPU 90 is added to Polyol under stirring, followed by other additives, and then Toluene Diisocyanate (TDI). The mixture is poured into a mould and allowed to rise and cure at 85 to 90 degree C for an hour.																												
<b>Usage</b>	Approximately 35 to 40 parts in 100 parts of Polyol.																												
<b>Product Specifications</b>	<b>Principal characteristics</b>																												
	Black shiny flakes																												
	Solid																												
	Odorless																												
	Density	0.5 to 0.65gm/cc																											
	Expansion at 500 degree C /1gm /90 sec	90 cc Minimum																											
pH	6.8 to 7.5																												
<b>Typical particle size distribution</b>																													
<table border="1"> <thead> <tr> <th>Mesh (BSS)</th> <th>Micron</th> <th>Wt %</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>710</td> <td>4</td> </tr> <tr> <td>36</td> <td>420</td> <td>11</td> </tr> <tr> <td>44</td> <td>355</td> <td>19</td> </tr> <tr> <td>52</td> <td>300</td> <td>22</td> </tr> <tr> <td>60</td> <td>250</td> <td>11</td> </tr> <tr> <td>85</td> <td>180</td> <td>15</td> </tr> <tr> <td>100</td> <td>150</td> <td>9</td> </tr> <tr> <td>-100</td> <td>-150</td> <td>9</td> </tr> </tbody> </table>			Mesh (BSS)	Micron	Wt %	22	710	4	36	420	11	44	355	19	52	300	22	60	250	11	85	180	15	100	150	9	-100	-150	9
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No regulatory requirement on graphite intended for food Contact application.																													