

POSIL

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D escription	Potassium Silicate												
C hemical composition	$K_2O \cdot nSiO_2 \cdot xH_2O$												
C AS No.	1312-76-1												
A pppearance	Transparency												
A pplication	Covering material of welding rod binder Covering material of TV cathode-ray tube fluorescent material Additive of paint Inorganic paint												
S pecification	<table border="0"> <tr> <td>1. Specific Gravity</td> <td>1.200↑</td> </tr> <tr> <td>2. Molar Ratio</td> <td>4.3 – 4.6</td> </tr> <tr> <td>3. SiO₂ Content (%)</td> <td>15.0 – 19.0</td> </tr> <tr> <td>4. K₂O Content (%)</td> <td>5.0 – 7.0</td> </tr> <tr> <td>5. Fe₂O₃</td> <td>0.05↓</td> </tr> <tr> <td>6. Insoluble material</td> <td>0.2↓</td> </tr> </table>	1. Specific Gravity	1.200↑	2. Molar Ratio	4.3 – 4.6	3. SiO ₂ Content (%)	15.0 – 19.0	4. K ₂ O Content (%)	5.0 – 7.0	5. Fe ₂ O ₃	0.05↓	6. Insoluble material	0.2↓
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P acking	Tank lorry Drum (200 liters)												
M aterial Safety Data Sheet	MSDS is available												

