

Performance Grade (PG)

PG is the latest standard of the day. This relatively new method classified bitumen is based on varying temperatures. It is a fully scientific method studying the mechanical specifications of bitumen. In this method, a temperature range is defined for bitumen and the consumer can easily choose the desired product. Having installed SHRP systems, «Rise Group» is capable of selling bitumen to its customers based on PG method. Today, a PG is defined for polymer modified bitumen and pure bitumen based on environmental conditions and temperature. A wider PG range means higher resistance and more favorable specifications. «Rise Group» has the capacity to produce all these grades. This company first conducted climate zoning in Iran to specify the appropriate bitumen for different geographical zones.

PG Bitumen

| High Temperature Performance | Low Temperature Performance |
|------------------------------|-----------------------------------|
| PG 46 | -34, -40, -46 |
| PG 52 | -10, -16, 22-, -28, -34, -40, -46 |
| PG 58 | -10, -16, 22-, -28, -34, -40 |
| PG 64 | -10, -16, 22-, -28, -34, -40 |
| PG 70 | -10, -16, 22-, -28, -34, -40 |
| PG 76 | -10, -16, 22-, -28, -34 |
| PG 82 | -10, -16, 22-, -28, -34 |