

## SOFTENING POINT OF BITUMEN (RING-AND-BALL APPARATUS)

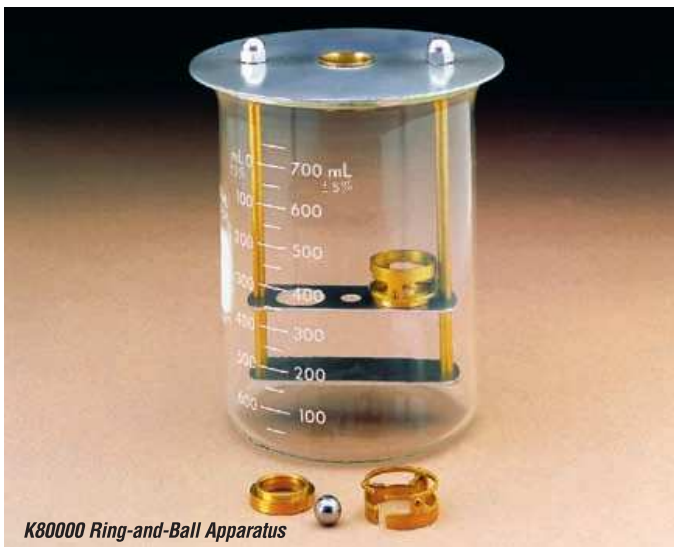
### Test Method

The sample is cast in shouldered rings and heated at a controlled rate under the weight of a steel ball. The softening point is the temperature at which the bitumen disks soften and sag downward a specified distance.

### Softening Point Apparatus

- Conforms to ASTM D36 and related specifications

Consists of 800mL beaker, 2 standard balls, shouldered rings, ball centering guides, ring holder, bottom plate and beaker cover with support rods. Order thermometer and heater separately.



K80000 Ring-and-Ball Apparatus

### Ordering Information

| Catalog No.        |  | Order Qty |
|--------------------|--|-----------|
| K80000             | Softening Point Apparatus  | 1         |
| <b>Accessories</b> |  |           |
| K42000             | Powerrol Heater<br>1000W heater with variable stepless control and porcelain refractory top plate with positioning well for beaker. Enclosed in a stainless steel housing with cooling vents, Shipping Weight: 8 lbs, 14 oz (3.6kg), 115V 60Hz | 1         |
| K42090             | Powerrol Heater, 220-240V 50/60Hz  | 1         |
| 250-000-15F        | ASTM 15F Thermometer<br>Range: 30 to 180°F   | 1         |
| 250-000-15C        | ASTM 15C Thermometer<br>Range: -2 to +80°C   | 1         |
| 250-000-16F        | ASTM 16F Thermometer<br>Range: 85 to 392°F   | 1         |
| 250-000-16C        | ASTM 16C Thermometer<br>Range: 30 to 200°C   | 1         |
| K80001             | Ring, Brass, shouldered ring conforming to ASTM specifications. Pack of 10   |           |
| K80002             | Ball, Hardened steel, conforming to ASTM specifications. Pack of 10  |           |
| K80003             | Ball-Centering Guide   |           |

### Specifications

Conforms to the specifications of:  
ASTM D36, E28; AASHTO T53;  
IP 58, 198; NF T 66-008

### Shipping Information

Shipping Weight: 4 lbs (1.8kg)



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